User Manual
Quick Start Guide Inside !

32HFL5530
42HFL5580

用户手册
内附快速使用指南!

English

中文



Model No.: ____________

Serial No.: ____________

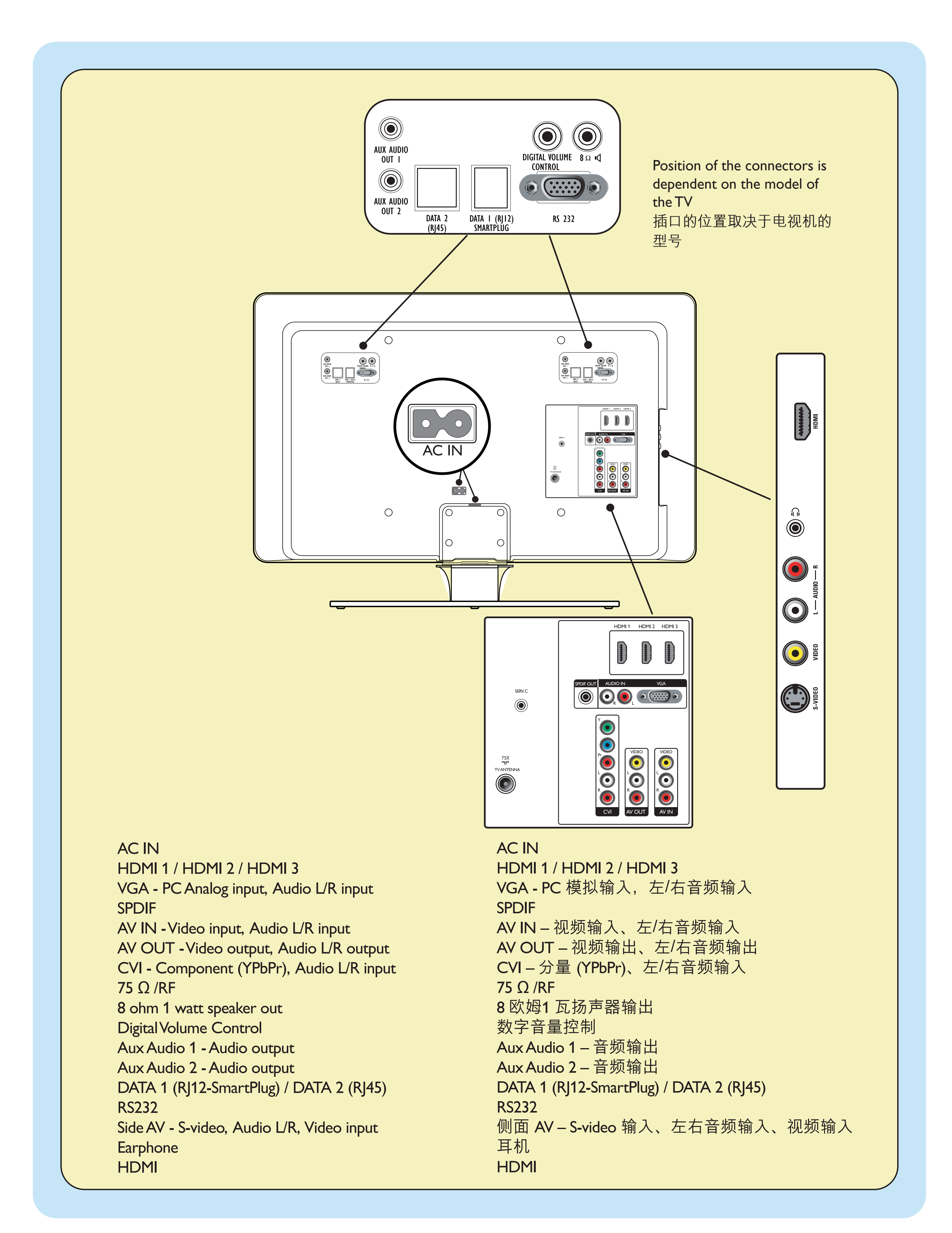
PHILIPS

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How to make the optimal connection?

如何进行最佳连接?

	Best HDMI High-Definition Multimedia Interface provides an uncompressed, all-digital audio/video connection. HDMI provides the ultimated connection (Please use a certified HDMI cable.)	最好 HDMI 高清晰多媒体接口提供无压缩的全数字音频/视频连接。 HDMI 提供的是终极的连接 （请使用通过认证的 HDMI 电缆）
	Better Component Video input Provides superior picture quality by separating the green, blue and red luminance signals. Typically used with red/white audio cables.	很好 分量视频输入 通过将绿色、蓝色和红色亮度信号分离，提供卓越的画面质量。 通常配合红色/白色音频线使用。
	Good S-Video Supplies a better picture than RF and Composite connections. Used with red/white audio cables.	好 S 视频 提供比 RF 和复合连接更好的画面质量。 配合红色/白色音频线使用。
	Basic Composite Audio/Video Separate video (yellow) and audio (red/white) cables that provide a basic connection from the cable box and other devices. Note: The color of audio inputs may differ, e.g. red/ white or red/ black.	基本 复合音频/视频 分离视频（黄色）和音频（红色/白色）线，通过有线盒和其它设备提供基本连接。 注意：音频输入的颜色可能不同，如红色/白色或红色/黑色。
	RF Provides a basic connection for antenna or cable. Provides both audio and video.	RF 为天线或有线提供基本连接。 提供音频和视频。

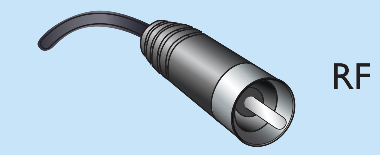


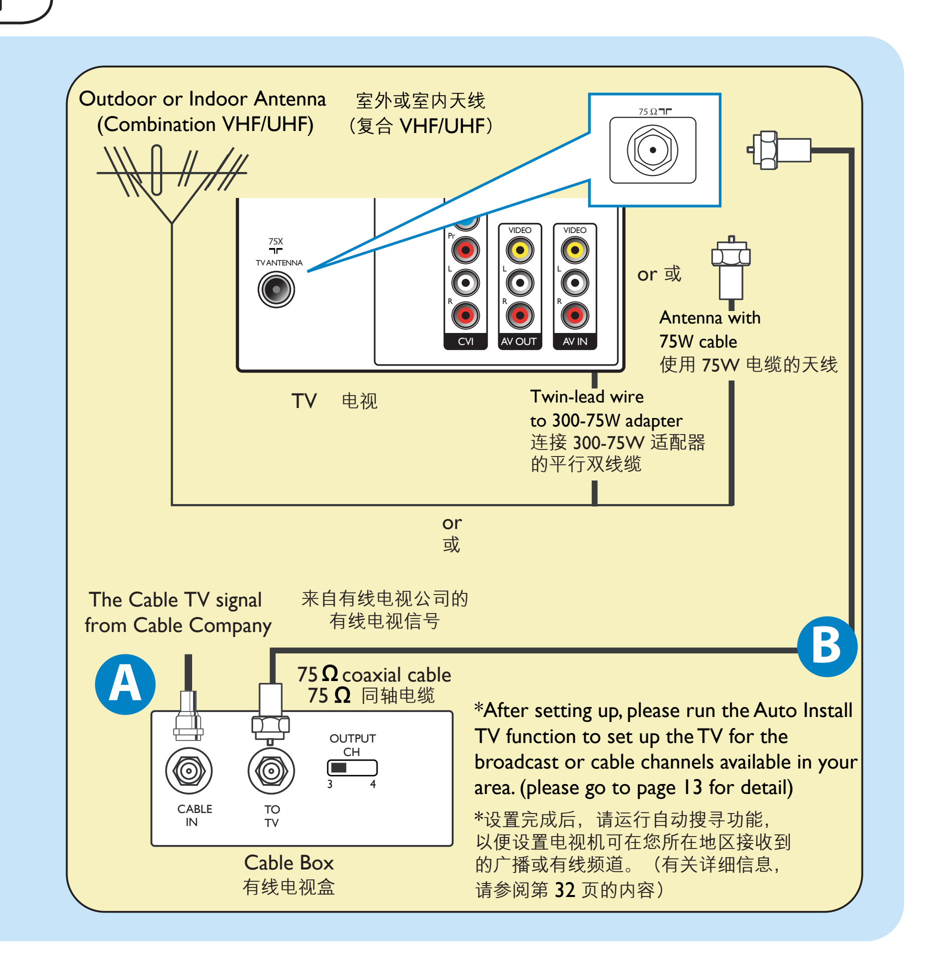
AC IN
HDMI 1 / HDMI 2 / HDMI 3
VGA - PC Analog input, Audio L/R input
SPDIF
AV IN - Video input, Audio L/R input
AV OUT - Video output, Audio L/R output
CVI - Component (YPbPr), Audio L/R input
75 Ω /RF
8 ohm 1 watt speaker out
Digital Volume Control
Aux Audio 1 - Audio output
Aux Audio 2 - Audio output
DATA 1 (RJ12-SmartPlug) / DATA 2 (RJ45)
RS232
Side AV - S-video, Audio L/R, Video input
Earphone
HDMI

AC IN
HDMI 1 / HDMI 2 / HDMI 3
VGA - PC 模拟输入，左/右音频输入
SPDIF
AV IN – 视频输入、左/右音频输入
AV OUT – 视频输出、左/右音频输出
CVI – 分量 (YPbPr)、左/右音频输入
75 Ω /RF
8 欧姆1 瓦扬声器输出
数字音量控制
Aux Audio 1 – 音频输出
Aux Audio 2 – 音频输出
DATA 1 (RJ12-SmartPlug) / DATA 2 (RJ45)
RS232
侧面 AV – S-video 输入、左右音频输入、视频输入
耳机
HDMI

1 Cable Box With RF In / Outputs Antenna TV

连接到射频输入/输出天线电视的有线电视盒


RF

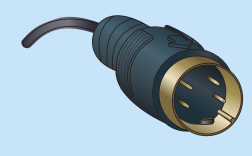


*After setting up, please run the Auto Install TV function to set up the TV for the broadcast or cable channels available in your area. (please go to page 13 for detail)

*设置完成后，请运行自动搜寻功能，以便设置电视机可在您所在地区接收到的广播或有线频道。（有关详细信息，请参阅第 32 页的内容）

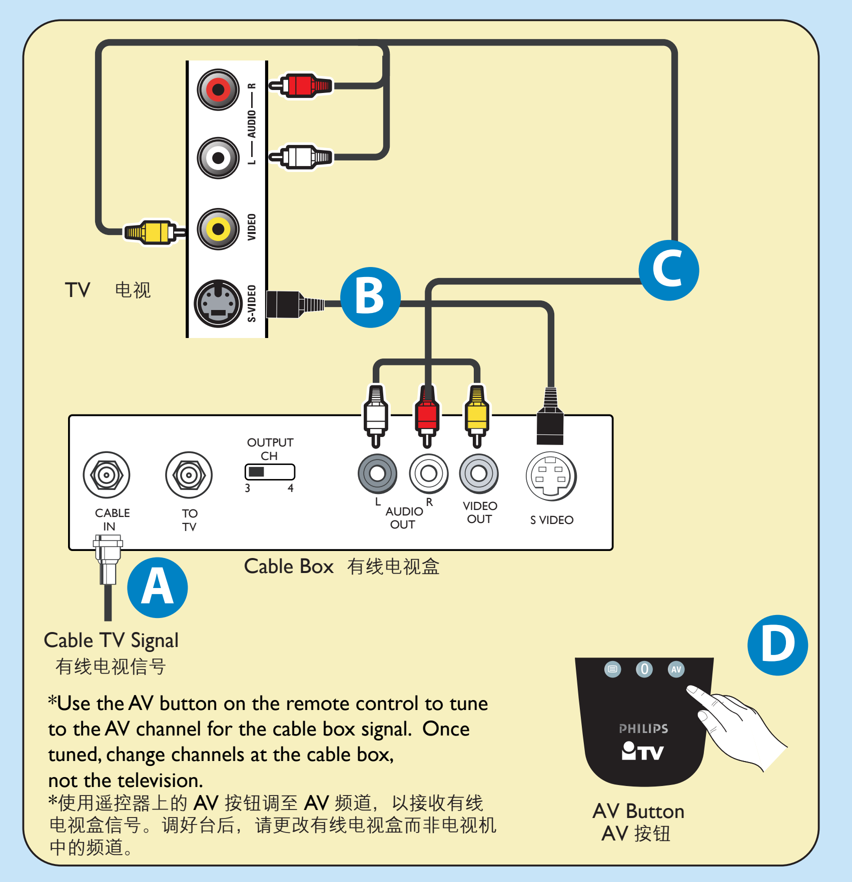
2 Cable Box With Audio / Video Outputs

具有音频/视频输出的有线电视盒


S-Video


Composite Audio/Video Input

复合音频/视频输入

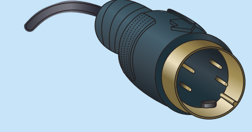


*Use the AV button on the remote control to tune to the AV channel for the cable box signal. Once tuned, change channels at the cable box, not the television.

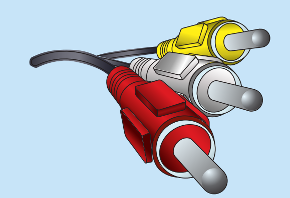
*使用遥控器上的 AV 按钮调至 AV 频道，以接收有线电视盒信号。调好台后，请更改有线电视盒而非电视机中的频道。

3 VCR, DVD Player, Or Other Devices With RCA Connectors

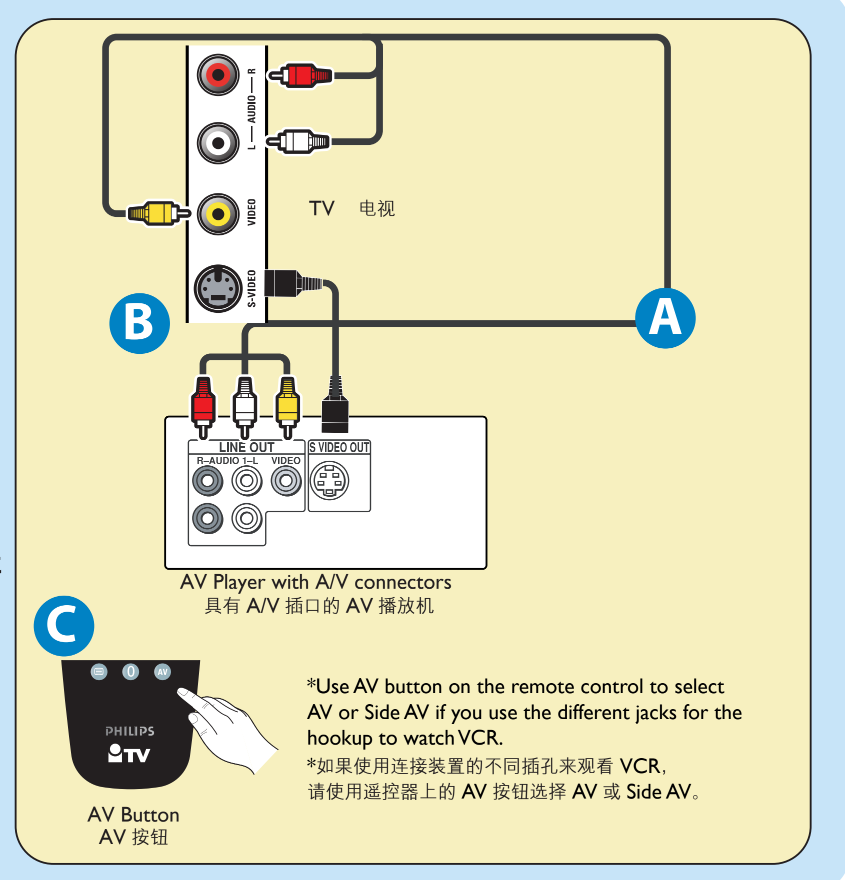
VCR、DVD 播放机或其它具有 RCA 插口的设备



S-Video

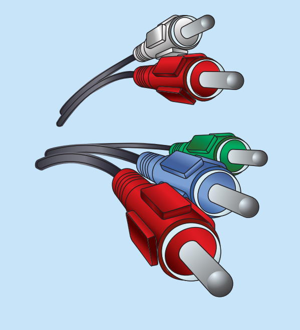


Composite Audio/Video Input
复合音频/视频输入

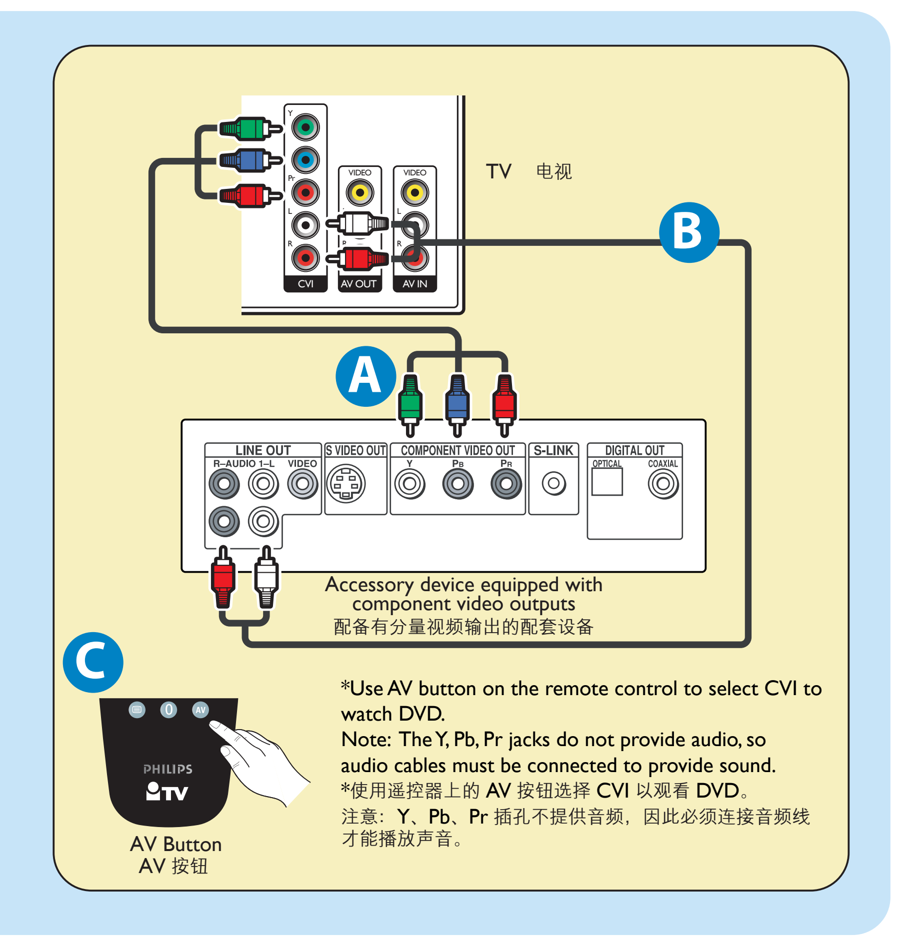


4 DVD Player Or Other Video Devices With Component Video Connectors

DVD 播放机或其它具有分量视频插口的视频设备



Component Video Input
分量视频输入



5 PC (Monitor) Connections

PC（显示器）连接

TV 电视

A

B

Computer 电脑

C

AV Button
AV 按钮

*Use AV button on the remote control to select PC to use your LCD TV as a PC monitor.
*使用遥控器上的 AV 按钮选择 PC 以便将液晶电视用作 PC 显示器。

6 DVD Player With HDMI Connector

具有 HDMI 插口的 DVD 播放机

HDMI

TV 电视

A

DVD player
DVD 播放机

B

AV Button
AV 按钮

*Use AV button on the remote control to select HDMI 1, HDMI 2 or HDMI 3 to watch DVD.
*使用遥控器上的 AV 按钮选择 HDMI 1、HDMI 2 或 HDMI 3 以观看 DVD。

Read and understand all instructions before you use your TV. If damage is caused by failure to follow instructions, the warranty does not apply.

Safety

- Risk of electric shock or fire!
  - Never expose the TV to rain or water. Never place liquid containers, such as vases, near the TV. If liquids are spilt on or into the TV, disconnect the TV from the power outlet immediately. Contact Philips Consumer Care to have the TV checked before use.
  - Never place the TV, remote control or batteries near naked flames or other heat sources, including direct sunlight.
    To prevent the spread of fire, keep candles or other flames away from the TV, remote control and batteries at all times.

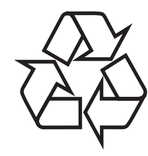


  - Never insert objects into the ventilation slots or other openings on the TV.
  - When the TV is swiveled ensure that no strain is exerted on the power cord. Strain on the power cord can loosen connections and cause arcing.
- Risk of short circuit or fire!
  - Never expose the remote control or batteries to rain, water or excessive heat.
  - Avoid force coming onto power plugs. Loose power plugs can cause arcing or fire.
- Risk of injury or damage to the TV!
  - Two people are required to lift and carry a TV that weighs more than 55 lbs.
  - When stand mounting the TV, use only the supplied stand. Secure the stand to the TV tightly. Place the TV on a flat, level surface that can support the combined weight of the TV and the stand.
  - When wall mounting the TV, use only a wall mount that can support the weight of the TV. Secure the wall mount to a wall that can support the combined weight of the TV and wall mount. Koninklijke Philips Electronics N.V. bears no responsibility for improper wall mounting that results in accident, injury or damage.
- Risk of injury to children!Follow these precautions to prevent the TV from toppling over and causing injury to children:
  - Never place the TV on a surface covered by a cloth or other material that can be pulled away.
  - Ensure that no part of the TV hangs over the edge of the surface.
  - Never place the TV on tall furniture (such as a bookcase) without anchoring both the furniture and TV to the wall or a suitable support.
  - Educate children about the dangers of climbing on furniture to reach the TV.
- Risk of overheating! Never install the TV in a confined space. Always leave a space of at least 4 inches around the TV for ventilation. Ensure curtains or other objects never cover the ventilation slots on the TV.
- Risk of injury, fire or power cord damage! Never place the TV or any objects on the power cord.
- Disconnect the mains cord before connecting devices.
- Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
- Disconnect the TV from the power outlet and antenna before lightning storms. During lightning storms, never touch any part of the TV, power cord or antenna cable.
- Risk of hearing damage! Avoid using earphones or headphones at high volumes or for prolonged periods of time.
- If the TV is transported in temperatures below 5°C, unpack the TV and wait until the TV temperature matches room temperature before connecting the TV to the power outlet.

Screen care

- Avoid stationary images as much as possible. Stationary images are images that remain on-screen for extended periods of time. Examples include: on-screen menus, black bars and time displays. If you must use stationary images, reduce screen contrast and brightness to avoid screen damage.
- Unplug the TV before cleaning.
- Clean the TV and frame with a soft, damp cloth. Never use substances such as alcohol, chemicals or household cleaners on the TV.
- Risk of damage to the TV screen! Never touch, push, rub or strike the screen with any object.
- To avoid deformations and color fading, wipe off water drops as soon as possible.

Recycling



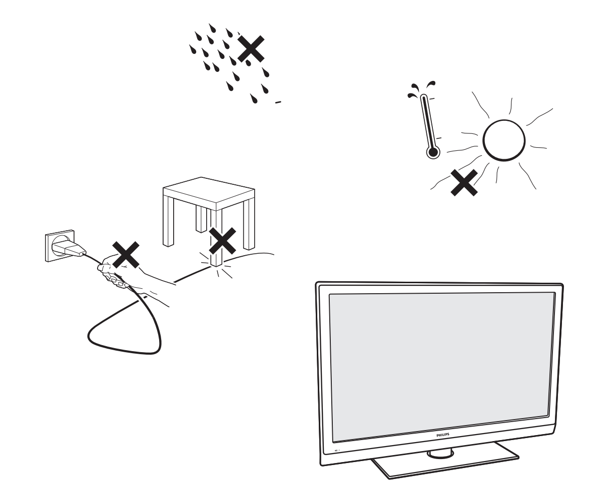
Your product is designed and manufactured with high quality materials and components, which can be recycled and reused. When you see the crossed-out wheel bin symbol attached to

a product, it means the product is covered by the European Directive 2002/96/EC:



Never dispose of your product with other household waste. Please inform yourself about the local rules on the separate collection of electrical and electronic products. The correct disposal of your old product helps prevent potentially negative consequences on the environment and human health.

Important safety instructions 6
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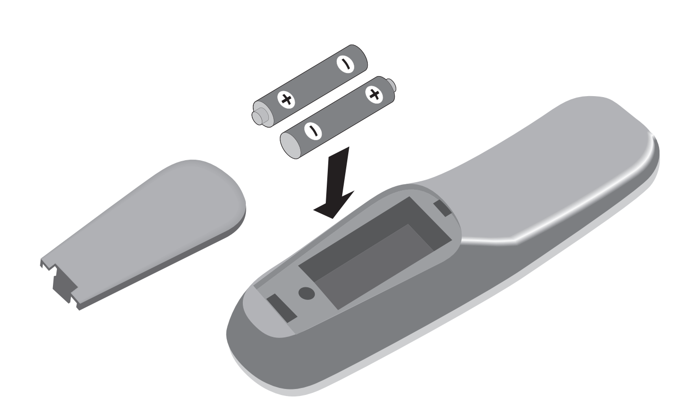


Do not insert the power plug in a wall socket before all connections are made.

Place the TV on a solid surface.
For ventilation, leave at least 4” to 6” free all around the TV. Do not place the TV on a carpet. To prevent any unsafe situations, no naked flame sources, such as lighted candles, should be placed in the vicinity. Avoid heat, direct sunlight and exposure to rain or water. The equipment shall not be exposed to dripping or splashing.

Mounting the TV on the wall
This TV set complies with the VESA standard for wall mounting.
Refer to specification page 24 for detail.

Caution: Installing the TV requires special skills that should only be performed by qualified personnel. You should not attempt to do the work yourself. Philips bears no responsibility for improper mounting or mounting that results in accident or injury.
Make sure that the wall mount is being fixed securely enough so that it meets safety standards.



To connect accessory devices, see Cover and Connection.
Refer to the bottom of the set (Model label) for the correct operation voltage.
Insert the power cord into the wall socket.
Consult your local dealer if your main power supply voltage is different than that indicated for the TV. Never place the TV on top of the (AC) cord. Placing the TV on top of the AC cord could cause a fire or electric shock.

Remote control:
Insert the two supplied AA batteries.
The batteries supplied do not contain the heavy metals mercury and cadmium. Please determine and comply with local regulations when disposing of depleted batteries.

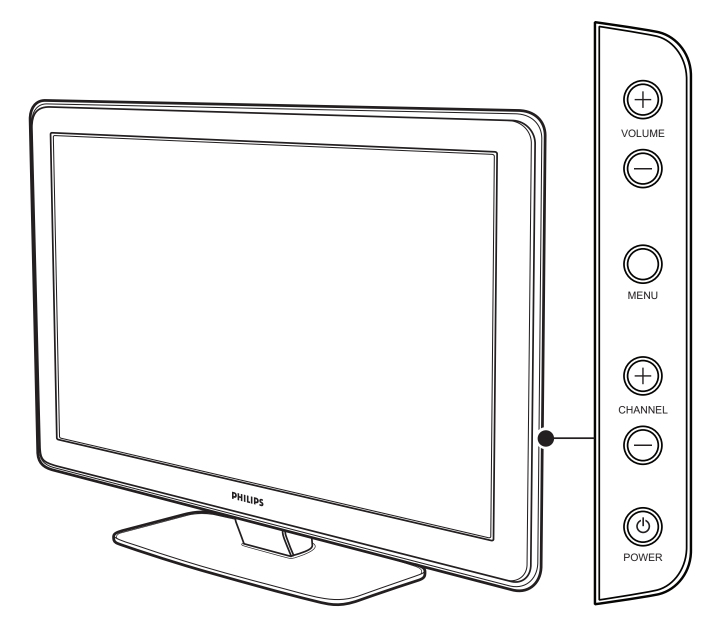
Turn the TV on:
Press the power switch ⏻ on the side of the TV. An indicator on the front of the TV lights up.
Press the **POWER** button on the remote control.

Buttons on the TV

Should your remote be lost or broken you can still change some of the basic settings with the control buttons on your TV.

Press:
•the ⏻ button to switch the TV on or off.
•the **+ VOLUME -** button to adjust volume;
•the **+ CHANNEL -** buttons to select the TV channels or sources.

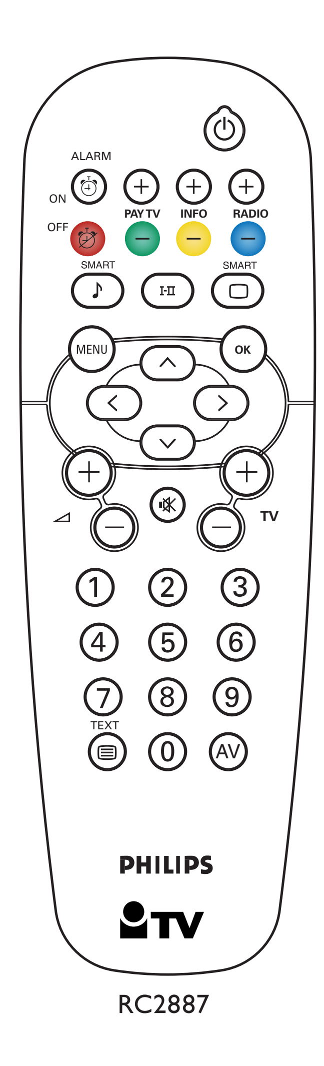
The **MENU** button can be used to display the Settings menu without the remote control.
MENU button can also Exit the menu.
Use:
•the **+ VOLUME -** buttons and the **+ CHANNEL -** buttons to select menu items in the directions as shown;
•the **+ VOLUME** button to confirm your selection.



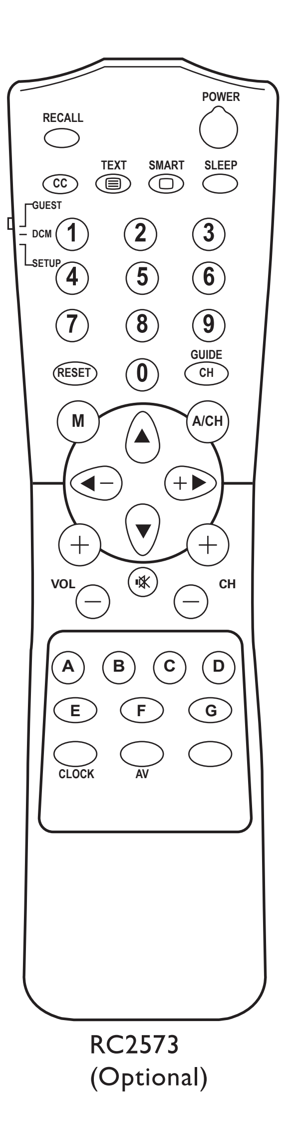
Accessing the SETUP menu

When the set is in the HIGH SECURITY mode, the SETUP menu can be accessed only by the Institutional Set-up Remote Control (RC2573) by pressing the M key. The Institutional Set-Up Remote Control is available as an optional accessory.

When the set is in the STANDARD SECURITY mode, the SETUP menu may be accessed with the standard guest remote control (RC2887) by a sequence of commands (3 1 9 7 5 3 MUTE).



RC2887



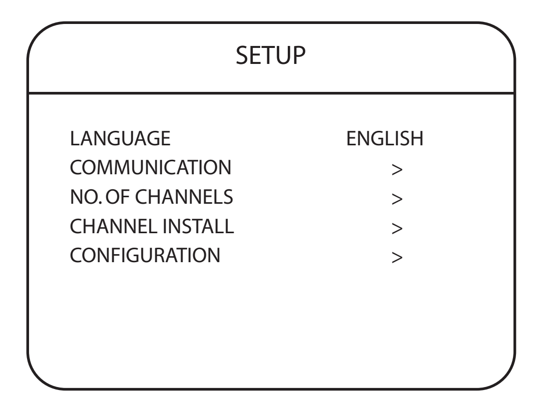
RC2573
(Optional)

Navigation

The current menu item can be selected by means of the Up/Down keys. Submenus can be accessed from menu items indicated with a “>” symbol by pressing the Right key.

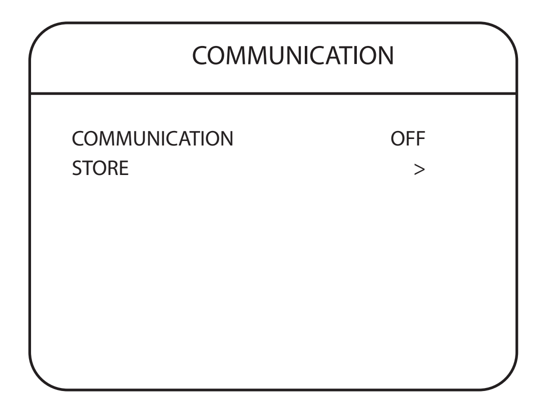
- To exit any menu press “MENU” button
- Select “YES” to activate/enable a setting, “NO” to deactivate/disable.
- TV up/down (+/-), INFO up/down (+/-), PAY-TV up/down (+/-) and RADIO up/down (+/-) are available when Setup menu has the relevant settings.

Setup menu items



- **LANGUAGE:** Select the language of the Setup menu. Options are “ENGLISH”, “MELAYU” and “CHINESE”
  Note: The Chinese Language is for the Guest Menu only.
- **COMMUNICATION:** Please refer to the section for detail.
- **NO. OF CHANNELS:** This sub menu allows setting the number of TV, PAY-TV, INFO and RADIO channels.
- **CHANNEL INSTALL:** In the CHANNEL INSTALL sub-menu, various channel settings can be set. Please refer to the section on Channel Installation for further details.
- **CONFIGURATION:** In the CONFIGURATION menu, various settings and features of the TV can be adjusted. Please refer to the section on Configuration for further details.

Communication



- **COMMUNICATION:** The Communication options SP-SPI, SP-I2C, HM-Link, Multi RC, Smart RC and Serial Express. SP-SPI, SP-I2C and HM-Link are for enabling interactive applications. Multi-RC is a feature to program the TV and RC for a one to one matching in a multi TV environment. Multi-RC allows up to four unique groups of TV-RC matching. For normal stand-alone applications select “OFF” option under the Communication sub menu.

Multi RC Set-up procedure:
1. Press the RC Menu key together with one of the coloured keys (Red/Green/Yellow/Blue) for at least 4 seconds.
2. Access the TV Set-Up Menu and select Multi RC option
3. Under Multi RC sub-menu, select the corresponding colour to match the colour selected in Step 1

Notes:
1. *SP-SPI and SP-I2C refers to the Philips communication protocols that are used in conjunction with the Data 1 (RJ12) or/and Data 2 (RJ45) connectivity to an external STB or Smart Card Xpress Box.*
2. *HM-Link is mainly used in conjunction with Data 1 (RJ12) connectivity to an external STB. Serial Express is used with the RS232 (D89) connector for connectivity to an external STB.*
3. *Multi RC feature requires specific remote control models RC2887/RC2886.*
4. *The Multi RC default colour code is BLUE (for TV and RC). The RC colour code will be automatically reset to default BLUE colour when the RC batteries are changed.*
5. *To check the colour code status of TV and RC, just press the OK button on the RC for at least 4 seconds.*

- **STORE:** To save your settings by pressing right key.
- **RS232 ID:** To setup the TV ID.
  DCM TYPE: To communicate with Smartport. (It’s available in SP-SPI and SP-I2C)

Channel Installation

In the CHANNEL INSTALLATION sub-menu, channel settings can be set.

CHANNEL INSTALL	
CHANNEL	TV 1
INPUT	TUNER
SYSTEM	AUTO
FREQUENCY	184.2500 >
LABEL	( ) >
STORE	>
FINE TUNE	0
MUTE	NONE
AUTO INSTALL TV	>
PROTECTION	NO

- **CHANNEL:** The channel type can be selected with the cursor Left/Right key. The available options are: “**TV**”, “**INFO**”, “**PAY TV**” and “**RADIO**”.

  Note:
  Use the numeric keys to enter the program number. For program number below 10, enter the first digit as “0” followed by the program number. Eg “01” for TV 1. Alternatively, enter the program number followed by Up/ Down key. Program number “0” or “00” are not allowed.

- **INPUT:** The “Input” menu item selects the desired input source that will be assigned to the program. Possible values are Tuner, AV, SIDE AV, SIDE SVIDEO, CVI, VGA, HDMI1, HDMI2, HDMI3 and Side HDMI.

- **SYSTEM:** AUTO, PAL 4.43 BG, PAL 4.43 I, PAL 4.43 DK and NTSC 3.58M are available for selection.

- **FREQUENCY:** Digits can be entered for a frequency in MHz. When you enter the first digit, other incomplete number displayed as dashes “-”. Enter the first digit as “0” for frequencies below 100 MHz. You can also press the Right key to start the auto search.

- **LABEL:** This menu item will be used to add a label/name for each program.
  o Press the Left/Right key to select the label digit; press the Up/Down key to insert alphanumeric characters.
  o Press the MENU button to exit the Label menu item.

- **STORE:** The channel information is stored after pressing the Left/Right key.
  Press the MENU key to exit without storing.

- **FINE TUNE:** Press the Left/Right key for fine-tuning.

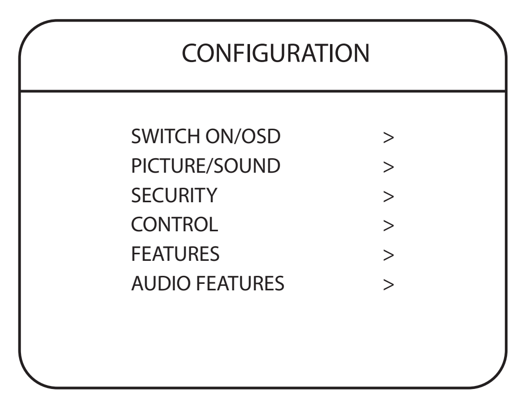
- **MUTE:** This item enables/disables picture and sound for the particular channel.
  o NONE: normal picture and sound enabled
  o VIDEO: picture is blanked for this channel (e.g. radio channel)
  o AUDIO: sound is muted for this channel (e.g. information channel)

- **AUTO INSTALL TV:** This sub menu allows the TV channels to be scanned and set automatically.

- **PROTECTION:** This function is to protect a selected program for PAY TV purpose. Press the Left/Right key to toggle the protection between “YES” and “NO”.

Configuration

In the Configuration menu, various settings and features of the TV can be adjusted.



- **SWITCH ON/OSD:** In this sub-menu the SWITCH ON characteristics and ON SCREEN DISPLAY settings of the TV can be set.
- **PICTURE/SOUND:** In this sub-menu, the PICTURE and SOUND settings of the TV can be set.
- **SECURITY:** In this sub-menu, the SECURITY settings of the TV can be configured.
- **CONTROL:** In this sub-menu, the CONTROL settings of the TV can be configured.
- **FEATURES:** In this sub-menu Energy Savings settings of this TV can be set.
- **AUDIO FEATURES:** In this sub-menu, the different audio features can be set.

IN **PC** mode, there is one more item.

- **VIDEO ADJUSTMENT:**
  o HORIZONTAL: Adjusts the horizontal placement of the picture
  o VERTICAL: Adjusts the vertial placement of the picture
  o PHASE: Eliminates the horizontal interfering lines.
  o CLOCK: Eliminates the vertical interfering lines.
  o AUTO ADJUST: The PC mode will automatically adjust the best image position.
  o RESET: Resets to the default mode.

Switch On/OSD

In this sub menu the behavior of the TV after switching on and the behavior of the ON SCREEN DISPLAY can be selected.

SWITCH ON/OSD	
WELCOME MESSAGE	>
SWITCH ON CHANNEL	AV
SWITCH ON VOLUME	30
SWITCH ON PIC FMT	WIDESCREEN
POWER ON	LAST STATUS
VOLUME INDICATOR	YES
CHANNEL DISPLAY	ALL

- WELCOME MESSAGE: Press Cursor Left/Right to display Welcome message entry menu:
  o WELCOME MESSAGE
  o DISPLAY YES/NO
  o LINE 1
  o LINE 2
  o CLEAR
  With the Up/Down key you can set the message characters.
  Press Up key to insert alphabets, and Down key to insert digits.

- **SWITCH ON CHANNEL:** This item sets the television's channel at switch on.
- **SWITCH ON VOLUME:** This item sets the television's volume at switch on. Use the Right/Left key to adjust.
- **SWITCH ON PIC FMT:** This item sets the television's Picture Format at switch on. Use the Right/Left key to select the desired format.
- **POWER ON:** The POWER ON menu function defines the behavior of the television whenever AC Power is applied. The available options are "FORCED ON", "LAST STATUS", "STANDBY" and "ON".
  o FORCED ON: TV will be automatically switched to ON mode whenever the mains power is turned ON or resumed after a power interruption. Note that the remote control STANDBY key will no longer function when TV is set in this mode. TV can only be switched OFF by means of the main switch or a set-up remote control or by ESP function (Energy Saving Programmability controls the maximum continuous viewing time allowed).
  o LAST STATUS: TV will be automatically switched to the last status (either STANDBY or ON) whenever the mains power is turned ON or resumed after a power interruption.

- o STANDBY: TV will be automatically switched to STANDBY mode (even if the last status was ON) whenever the mains power is turned ON or resumed after a power interruption.
  - o ON: Similar function as "FORCED ON" but the remote control STANDBY key function is enabled when TV is set to this mode.
- **VOLUME INDICATOR:** To display volume indicator when adjusting volume, select "YES". Select "NO" to hide the volume indicator.
- **CHANNEL DISPLAY:** CHANNEL DISPLAY values can be: NUMBER, LABEL, ALL, and NONE.

Picture and Sound settings

In this sub menu, the Picture and Sound settings of the TV can be selected.

PICTURE/SOUND	
BRIGHTNESS	50
COLOUR	50
CONTRAST	50
SHARPNESS	50
TINT	50
ACTIVE CONTROL	YES
TREBLE	50
BASS	50
BALANCE	50
AVL	ON

- BRIGHTNESS: Changes picture brightness.
- COLOUR: Changes the intensity of the colour.
- CONTRAST: Changes the difference between the light and dark
- tones.
- SHARPNESS: Adjusts to improve detail.
- TINT: Adjusts the colour balance in an image.
- ACTIVE CONTROL: Allows adjustment for picture noise reduction.

Notes:
COLOUR and SHARPNESS are not available in the PC mode

- TREBLE/BASS: Adjusts the level of treble and bass effects on the TV's sound output.
- BALANCE: Adjusts the balance of the right and left speakers to best suit your listening position.
- AVL (Automatic Volume Leveller): Limits the increase in sound level especially during programme change or advertising slots.

Security settings

In this sub menu, the Security settings of the TV can be configured.

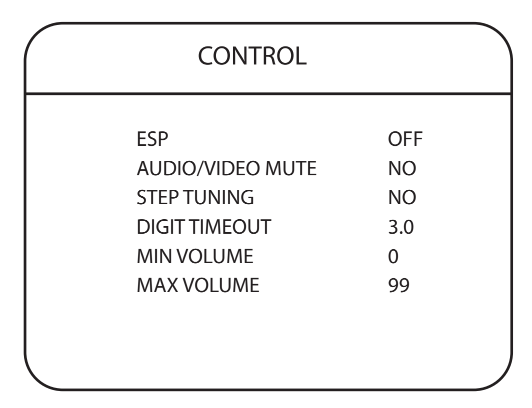
SECURITY	
SECURITY	STANDARD
KEYBOARD LOCK	NO
REMOTE CONTROL LOCK	NO
VIDEO OUT MUTE	NO
ENABLE GUEST MENU	YES
ENABLE TELETEXT	YES

- SECURITY: The "SECURITY" function allows the user to select one of two states - "HIGH" or "STANDARD". The default is "STANDARD".
  - o When the set is in the SECURITY HIGH mode, the SETUP menu can only be accessed by a Institutional Set-up Remote Control.
  - o When the set is in the SECURITY STANDARD mode, the SETUP menu can be accessed with a guest remote control by a sequence of commands (3 1 9 7 5 3 MUTE).

- KEYBOARD LOCK: Disables the television's local keyboard for volume and program control.
- REMOTE CONTROL LOCK: Locks all buttons on the guest remote control.
- VIDEO OUT MUTE: Disables video out signal from all sources.
- ENABLE GUEST MENU: Enables the Guest Menu.
- ENABLE TELETEXT (only if applicable) : Enables Teletext.

Control settings

In this sub menu, the CONTROL settings of the TV can be configured.



- ESP: Energy Saving Programmability Mode (ESP) function controls the maximum continuous viewing time allowed and its valid values are 00 - 99 (in hours). 00 value means that the ESP function is OFF. Note that if the TV is switched off, the ESP timer countdown will be reset.
- AUDIO/VIDEO MUTE: The Audio/Video Mute menu function determines whether the video should be blanked and the audio should be muted if the currently tuned channel has no signal.

- **STEP TUNING:** If YES is selected, TV programs (1 to 9) are tuned immediately when a digit is pressed. If NO is selected, tuning is performed only after the dash (second digit) disappears.
- **DIGIT TIMEOUT:** This is the time-out to enter the second digit of program number, e.g. for program number 10 and above.
- **MIN VOLUME:** This item sets the minimum volume level allowed for the television set. Use Right/Left key to adjust.
- **MAX VOLUME:** This item sets the limit for the maximum volume allowed for the television set. Use Right/Left key to adjust.

Guest menu items

MENU	
LANGUAGE	ENGLISH
BRIGHTNESS	50
COLOUR	50
CONTRAST	50
SHARPNESS	50
TINT	50
PICTURE FORMAT	WIDESCREEN
SLEEPTIMER	Off
SOURCE	TV

- **LANGUAGE:**For selecting Guest Menu language (ENGLISH/CHINESE/MELAYU).
- **BRIGHTNESS/COLOUR/CONTRAST/SHARPNESS/TINT:** Use the remote control Right/Left key to change the picture setting.
- **PICTURE FORMAT :** Use the remote control Right/Left key to select the desired picture format. The following options are available: 4:3, ZOOM 14:9, ZOOM 16:9, SUBTITLE ZOOM, WIDESCREEN, SUPER WIDE.
- **SLEEPTIMER:** This item is to select an automatic period for the TV to switch to Standby when the TV does not receive any commands from the user. This is a useful feature for energy saving if hotel guests have left the room with the TV still in the ON mode. Available periods are 15 mins, 30 mins, 45 mins, 60 mins, 90 mins, 120 mins, 180 mins, 240 mins and OFF. Use the remote control Right/Left key to select the required period (Note: SLEEPTIMER option is not available when POWER ON is set to the "FORCED ON" mode).
- **SOURCE:** This item is to select the different TV input sources.

Remote control keys

*Note: Pressing most buttons once will activate the assigned function. Pressing a second time will de-activate it. When a button enables multiple options, a small list will be shown. Press repeatedly to select the next item in the list. The list will be removed automatically after six seconds or press **MENU** to remove immediately.*

(1) Alarm On / Off
No function.

(2) +Pay TV-
To move up or down a Pay TV channel.

(3) Smart Sound button
Press repeatedly to select among the 4 settings: PERSONAL, THEATRE, MUSIC, or VOICE.

(4)MENU
Press menu to activate on screen menu on/off.

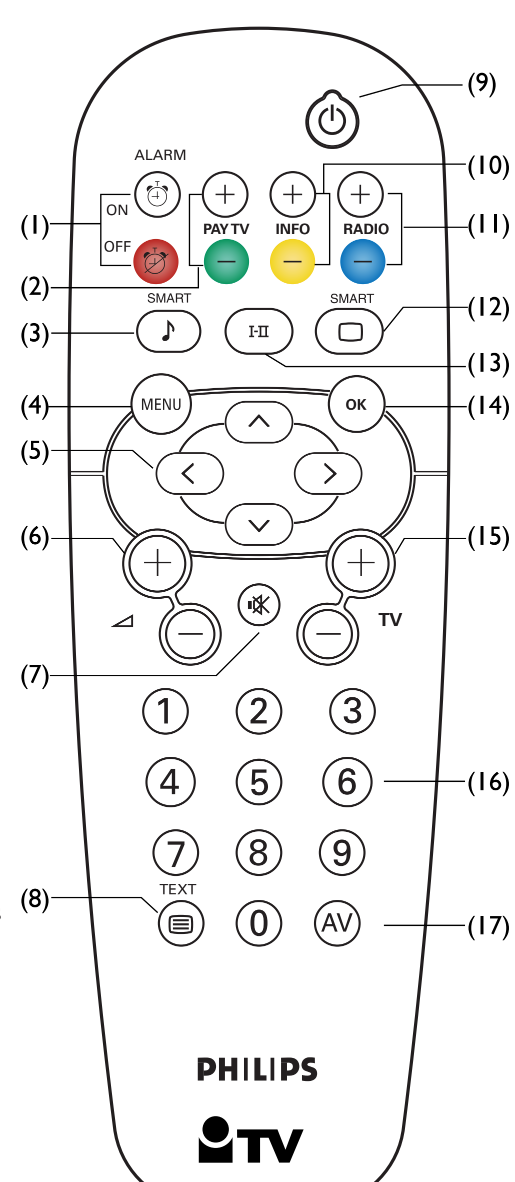
(5) Cursor direction key

(6) VOL +/-
Press + or - to adjust the volume.

(7) Mute button
Press to eliminate or restore the LCD TV sound. Mute will appear on the screen when the sound is muted.

(8) Teletext (p.18)
Press to turn on or off the Teletext function (available in certain TV models only).

(17) AV button
Press to select the video input source: Tuner, AV, SIDE AV, SIDE SVIDEO, CVI, VGA, HDMI1, HDMI2, HDMI3 and SIDE HDMI.



(9) STANDBY
Press to switch the TV to standby mode.

(10) +INFO-
To move up or down an INFO channel.

(11) RADIO
To move up or down a RADIO channel.

(12) Smart Picture button
Press repeatedly to select either RICH, NATURE, SOFT, or PERSONAL of picture setting.

(13) I-II button / Sound mode
To select 1st or 2nd language.
Note: Language availability depends on the transmission.

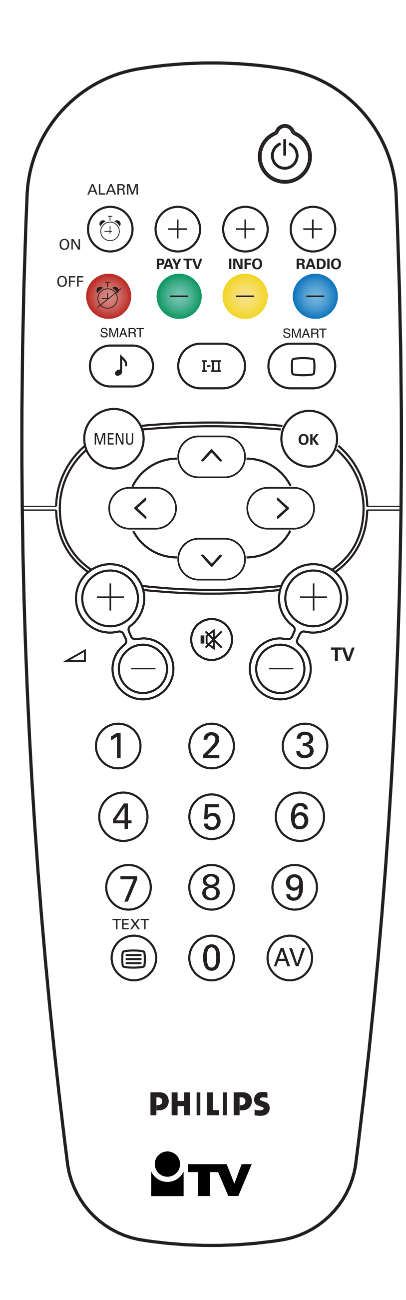
(14) OK
To activate a setting.

(15) + TV -
To move up or down a TV channel.

(16) Number button
Press the number buttons for direct access to the TV channels. For 2 digit channel, enter the 2nd digit after the 1st digit.

Teletext

Teletext is an information system broadcast available in certain channels. In some countries, it also offers access to subtitles for viewers with hearing problems or who are not familiar with the transmission language (cable networks, satellite channels, etc.).



Press

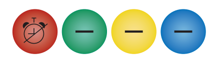
To switch Teletext ON/OFF.

In Teletext mode, press

1 — 9 To enter a (3-digit) page number

For previous / next page

TV For previous / next page

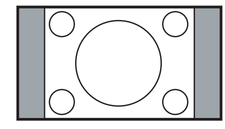


Depending on indication of sreen, coloured buttons are used to access the items or corresponding pages.

Picture Formats

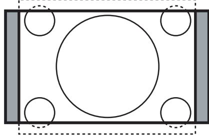
The pictures you receive may be transmitted in 16:9 format (wide screen) or 4:3 format (conventional screen). 16:9 pictures sometimes have a black band at the top and bottom of the screen (letterbox format). This function allows you to optimize the picture display on screen.

Using the different formats, the Picture Format can be set via the Guest Menu or Set-Up Menu.



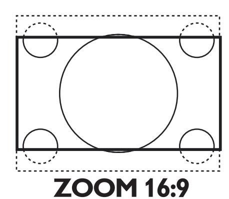
4:3

4:3
The picture is reproduced in 4:3 format and a black band is displayed on either side of the picture.



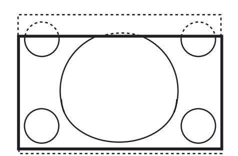
ZOOM 14:9

ZOOM 14:9
The picture is enlarged to 14:9 format, a thin black band remains on both sides of the picture.



ZOOM 16:9

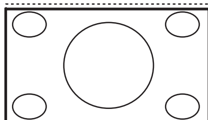
ZOOM 16:9
The picture is enlarged to 16:9 format. This mode is recommended when displaying pictures that have black bands at the top and bottom (letterbox format).





SUBTITLE ZOOM

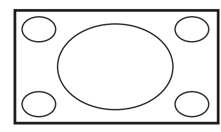
SUBTITLE ZOOM
This mode is used to display 4:3 pictures using the full surface of the screen leaving the subtitles visible.





SUPER WIDE

SUPER WIDE
This mode is used to display 4:3 pictures using the full surface of the screen by enlarging the sides of the picture



WIDESCREEN

WIDESCREEN
This mode restores the correct proportions of pictures transmitted in 16:9 using the full screen display.

The Philips Wireless Smart-Loader 22AV1120/00 and 22AV1135/00 are installation tools especially designed for easy and fast installation of Philips Institutional TV's.

Preparation

Make sure that the 3 R6/AA sized batteries are placed correctly in the battery compartment of the Wireless Smart-Loader. Turn the power switch on at the left side of the product. A green LED at the top casing should light up when pressing any button indicating operational batteries. When the LED light is red, it indicates that the batteries need to be replaced.

The installation procedure consists of three steps:

1. Choosing the master TV
2. Programming the Wireless Smart-Loader
3. Installing a TV with the Wireless Smart-Loader

Step 3 can be repeated on as many TV sets as required.

1. Choosing a Master TV

The master TV is the TV whose installation set-up has to be copied into other TV's of the same type.

2. Programming the Wireless Smart-Loader

This step has to be done only once or the program of the Wireless Smart-Loader would be overwritten.

Point the Wireless Smart-Loader to the TV's infra red receiver (distance around 5 to 30cm).
Press the "MENU" Key on the Wireless Smart-Loader.

TV shows the following menu:
SMARTLOADER TO TV >
TV TO SMARTLOADER >

o Highlight "TV TO SMARTLOADER"
o Press the right cursor key on the Wireless Smart-Loader for wireless method or on the TV Remote Control for wired method.

> A number display shows from 1~100 the percentage of memory storage progress from the TV to the Wireless Smart-Loader (100 = fully loaded).

TV TO SMARTLOADER |||-------- ##

> When the data transfer is completed, ## is "100", the following menu appears for 3 seconds:

SMARTLOADER READY >

> Now the Wireless Smart-Loader is programmed and can be used to install other TV sets.

3. Installing a TV with the Wireless Smart-Loader

Use a Wireless Smart-Loader programmed with the settings from a master TV of the same type.

Turn on the TV and point the Wireless Smart-Loader to the TV's infra red receiver (max. distance around 30cm).

---- Press the "MENU" Key on the Wireless Smart-Loader.

o Highlight "SMARTLOADER TO TV"
o Press the right arrow key on the Wireless Smart-Loader for wireless method.

> A number display shows from 1~100 the percentage of memory storage progress from the Wireless Smart-Loader to the TV (100 = fully loaded).
SMARTLOADER TO TV |||-------- ##

> When data transfer is completed, ## is "100", the following menu appears for 3 seconds:
TV READY   >

> After that, the following menu comes up
GOODBYE   >

> The TV goes to standby now and your TV is installed and ready for start-up and use.

Problems and Solutions:

Problem	Solution
The message "WRONG VERSION" is displayed on the screen.	The program stored into the Wireless Smart-Loader has a software code incompatible with the actual TV. Reprogram the Wireless Smart-Loader from a master TV whose software code is compatible with the actual TV.
TV doesn't respond to the Wireless Smart-Loader.	-check if the LED on the Wireless Smart-Loader is green when pressing any button and check if the batteries are in a good condition. Replace batteries if necessary. - try to bring the Wireless Smart-Loader more closer to the TV infra red receiver and try again.

Tips:

1. Do not forget to write the software code and the type of relevant master TV on the sticker used on the back of the Wireless Smart-Loader.
2. The Wireless Smart-Loader can retain without batteries, the stored information for ten years if required.

Note:

Before putting the Wireless Smart-Loader into store for a long time, make sure that the batteries are all taken out to prevent the batteries corroding the contacts.

Low battery check

Press the **OK** key for approximately 5 seconds. The following text then appears:
SERVICE
1   REMOTE BATTERY   OK

If the word "LOW" appears instead of "OK", the remote control batteries are low and must be replaced.

Symptoms	Items to Check and Actions to follow
"Ghost" or double images	• This may be caused by obstruction to the antenna due to high rise buildings or hills. Using a highly directional antenna may improve the picture.
No power	• Check that the TV's AC power cord is plugged into the mains socket. • Unplug the television, wait for 60 seconds. Then re-insert plug into the mains socket and turn on the television again.
No picture	• Check antenna connections at the bottom of the TV to see if they are properly connected to the TV. • Possible broadcast station trouble. Try another channel. • Adjust the contrast and brightness settings. Try another auto picture setting. • Check if you selected the correct AV source.
No picture and power switched on	• Your TV has a protective mode in case there is too much heat build-up. Check the clearance around the vents of the device to be certain there are no blocking walls or cabinets which would limit the air flow.
No photo, music or video play or in poor quality only	• Check if the source complies with a supported code.
No sound	• Increase the VOLUME. • Check that the TV is not muted, press the MUTE button on the remote control. • When no signal is detected, the TV automatically switches off the sound. This is proper operation and does not indicate a malfunction.
Good sound but poor color or no picture	• Adjust the contrast, color, tint and brightness setting. Try another auto picture setting.
Snowish picture and noise	• Check the antenna connection.
Television not responding to remote control	• Check whether the batteries are working. Replace if necessary. • Clean the remote control sensor lens on the monitor. • Operating range between TV and the remote control should not be more than approximately twenty feet. • You can still use the buttons on the side of your TV. • Check if the remote control is in the correct mode.
Control of accessory devices	• The infrared signals of the screen may influence the reception sensibility of other peripherals Solution: Replace the batteries of the remote control of other devices. E.g. keep away a wireless head-phone from within a radius of approximately four feet.
PC modes do not work	• Check whether connections are correct. • Check whether the source is correctly selected. Press AV button to select the correct source. • Check whether you have configured the computer on a compatible display resolution.
Standby	Your TV consumes energy less than 3w in the standby mode.
After improper shutdown	If your TV has been shutdown in an improper way (e.g. power drop, power cord plug out), starting up the TV again will take a longer time than usual.
Miscellaneous	See Specifications on this user manual.

Aspect Ratio	The ratio between the width and height of the TV picture on the screen. In a normal TV set the aspect ratio is 4 to 3 (4:3). The new aspect ratio in HDTV is 16:9 which resembles the aspect ratio in a movie theatre (Widescreen). New TV systems support both 4:3 and 16:9 aspect ratio and can automatically switch between them.
Audio Video (A/V)	A term often used when discussing a channel on a TV receiver or on video equipment, which has been especially designed to accept VCR audio-video signals. This channel automatically activates special circuitry within the TV set to prevent picture distortion and skewing. It is also used for audio-video processors, which handle both types of signals.
CVBS	Composite Video Baseband Signal. In broadcast television this refers to the video signal, including the colour information and syncs.
Component Video Input (Y Pb Pr)	Component Video Input is a type of connection that uses a cinch-type connector to allow set top boxes or analog DVD players to connect a signal to the TV. By offering the cinch-type input (YPbPr) the primary colors, red, green and blue are connected from a set top box directly into the TV allowing for the signal to display on the screen.
HDTV	The generally agreed upon definition of HDTV is approximately twice the vertical and horizontal picture resolution of today's TV, which essentially makes the picture twice as sharp. HDTV also has a screen ratio of 16:9 as compared with most of today's TV screens, which have a screen ratio of 4:3. HDTV offers reduced motion artifacts (i.e. ghosting, dot crawl).
Progressive Scan	In Progressive Scanning all the horizontal scan lines are scanned on to the screen at one time. The HDTV Standards accept both Interlaced Scan and Progressive Scan broadcast and display meth-ods.
Resolution	Resolution: A measurement of the finest (smallest) detail that is visible in a video image. TV Reso-lutions may be expressed as number of pixels in an image; or more commonly, As Total Number of (horizontally scanned) Lines used to create the image. Standard Digital TV Resolutions: SDTV: 576i - The picture is 720x576 pixels, 576p - The picture is 720x576 pixels. HDTV: 720p - The picture is 1280x720 pixels, 1080i - The picture is 1920x1080 pixels,
SPDIF	SPDIF (Sony and Philips Digital Interconnect Format) is highly recommended for high quality digital sound output. Note: SPDIF only supports at HDMI source.

Specification - TV

	32HFL5530/93	32HFL5530/97	42HFL5580/93	42HFL5580/97
On Screen Display language	English, Chinese, Melayu			
Connectivity				
Back	AC IN HDMI 1/ HDMI 2/ HDMI 3 CVI – Component Video (YPbPr), Audio L/R input AV – Video input, Audio L/R input AV output – Video output, Audio L/R output VGA – PC-Analog input, Audio L/R input SPDIF output 75 ohm / RF 8 ohm 1 watt bathroom speaker out Digital Volume Control for bathroom speaker Aux Audio 1 – Audio output Aux Audio 2 – Audio output DATA 1 (RJ12) Smartplug DATA 2 (RJ45) RS232			
Side	Side HDMI Side AV – Video input, Audio L/R input Side S-Video – S-video input, Audio L/R input Earphone			
Weight and dimensions Weight (incl. packaging) Weight (excl. packaging, with stand) Carton dimensions (W x H x D) Product dimensions - with stand (W x H x D)	 21 kg 18 kg 931 mm x 632 mm x 248 mm 819 mm x 579 mm x 220 mm		 31.5 kg 25.5 kg 1164 mm x 810 mm x 326 mm 1046 mm x 716 mm x 262 mm	
Power consumption	140W		200W	
Standby power consumption	< 2W			
Main power	220-240V, 50-60Hz	100-240V, 50-60Hz	220-240V, 50-60Hz	100-240V, 50-60Hz
Wall mount M6 screws are needed for wall mounting of 32" and M8 for 42" (not included).	vesa 200 x 300mm		vesa 400 x 400mm	

重要安全说明

在使用电视机之前，请阅读并理解所有说明。因未遵守说明而造成的损坏不在保修范围内。

安全

- 小心触电或发生火灾!
  - 切勿让电视机与雨或水接触。切勿将液体容器（例如花瓶）放置在电视机旁边。如果将液体洒到了电视机表面或内部，请立即断开电视机的电源。 请与 Philips 客户服务中心联系，对电视机进行检查后再行使用。
  - 切勿将电视机、遥控器或电池放在明火或其它热源（包括直射的阳光）附近。
    为避免火焰蔓延，请始终使蜡烛或其它明火远离电视机、遥控器和电池。

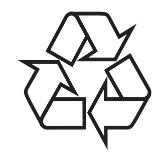


  - 切勿向电视机上的通风槽或其它开口中插入任何物体。
  - 旋转电视机时，请确保电源线不会绷紧。
    电源线绷紧会使电源连接变松，进而产生火花。
- 小心短路或起火!
  - 切勿将遥控器或电池暴露在雨中、水中或过热的环境中。
  - 请避免电源插头产生拉力。 松动的电源插头可能产生火花或者导致起火。
- 小心人身伤害或电视机损坏!
  - 需由两个人搬运重量超过 55 磅的电视机。
  - 将电视机安装在机座上时，请仅使用提供的机座。将机座牢固地固定到电视机上。将电视机放在水平、平坦且可承受电视机和机座总重量的表面上。
  - 采用壁挂方式安装电视机时，请仅使用可承受电视机重量的壁挂安装托架。将壁挂安装托架固定到可承受电视机和壁挂安装托架总重量的墙壁上。Koninklijke Philips Electronics N.V. 对由于安装不当而造成的事故、人身伤害或损失不负任何责任。
- 小心伤害儿童！请遵循以下注意事项，以避免因电视机掉落而导致儿童受伤:
  - 切勿将电视机放在由可拉动的布或其它材料覆盖的表面上。
  - 确保电视机的任何部分均位于表面边缘以内。
  - 将电视机放在较高的家具（如书柜）上时，一定要将家具和电视机都固定到墙壁或适当的支撑物上。
  - 告知儿童爬上家具触摸电视机可能带来的危险。
- 小心过热！切勿将电视机安装在封闭空间内。始终在电视机周围留出至少 4 英寸的空间以便通风。确保窗帘或其它物体不会遮挡电视机上的通风槽。
- 小心人身伤害、起火或电源线损坏！切勿将电视机或任何物体放在电源线上。
- 连接设备前请断开电源线。
- 当使用电源插头或产品连接器作为断开设备时，断开设备应随时保持可操作状态。
- 雷雨天气来临之前，请断开电视机与电源插座及天线的连接。在雷雨天气里，切勿触摸电视机、电源线或天线的任何部分。
- 小心听力损害！避免在高音量下或长时间使用耳机或听筒。
- 如果在低于 5°C 的温度下运送电视机，请先拆开电视机的包装，待电视机适应了室温后再将电视机连接到电源插座上。

屏幕养护

- 尽量避免静止图像。静止图像是在屏幕上保持很长时间的图像。例如 屏幕菜单、黑条和时间显示等。
  如果必须使用静止图像，请降低屏幕的对比度和亮度，以防止损坏屏幕。
- 在清洁前拔下电视的插头。
- 用柔软的湿布擦拭电视机和框架。切勿使用酒精、化学品或家用清洁剂等物质清洁电视机。
- 小心损坏电视机屏幕！切勿使用任何物体接触、推按、摩擦或敲击屏幕。
- 为了避免变形和褪色，请尽快擦掉水滴。

回收

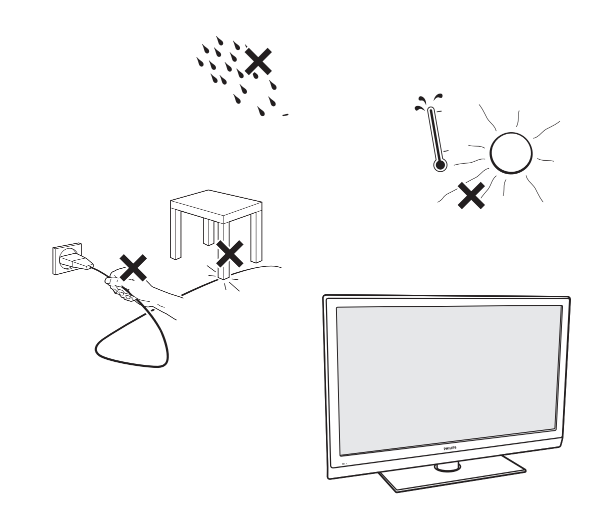


本产品采用可回收利用的高性能材料和组件设计和制造而成。
如果产品上贴有带叉的轮式垃圾桶符号，则表示此产品符合欧洲指令 2002/96/EC:



对本产品进行处理时切不可将其丢弃到其它生活垃圾中。请自行了解有关分别收集电气和电子产品的当地规定。正确处理用过的旧产品有助于避免可能给环境和人类健康造成的潜在负面影响。

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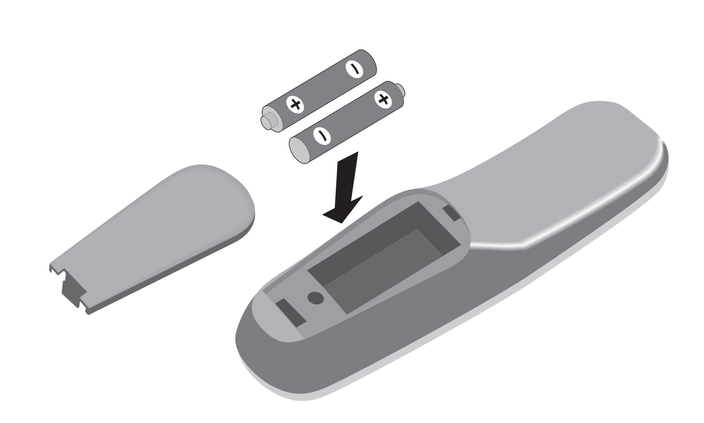


在完成所有连接之前，请勿将电源插头插入墙壁插座。

将电视机放在稳固的表面上。
在电视机周围至少留出 4 英寸到 6 英寸的空间以便通风。
切勿将电视机放在地毯上。为防止出现不安全的情况，请勿在附近放置明火源，如点燃的蜡烛。避免高温、阳光直射和遭受雨淋或进水。不得向设备上滴水或溅水。

在墙壁上安装电视机
本电视机符合壁挂式安装设备的 VESA 标准。
请参阅第 43 页了解规格详情。

注意： 安装电视机需要专门的技能，只能让合格的人员来执行。您不应尝试自行安装电视机。Philips 对因安装不当而造成的意外或损害概不负责。
确保壁挂安装固定牢靠，符合安全标准。



要连接配套设备，请参阅“外盖和连接”。
请参阅电视机底部（型号标签）了解正确的操作电压。
将电源线插入墙壁插座中。
如果电源电压与电视机标明的电压不同，请咨询当地的经销商。切勿将电视机放在（交流）电源线上。将电视机放在（交流）电源线上可能会导致火灾或触电。

遥控器：
装入提供的两节 AA 电池。
提供的电池不含重金属汞和镉。处理废弃电池时，请确定并遵守当地的规章制度。

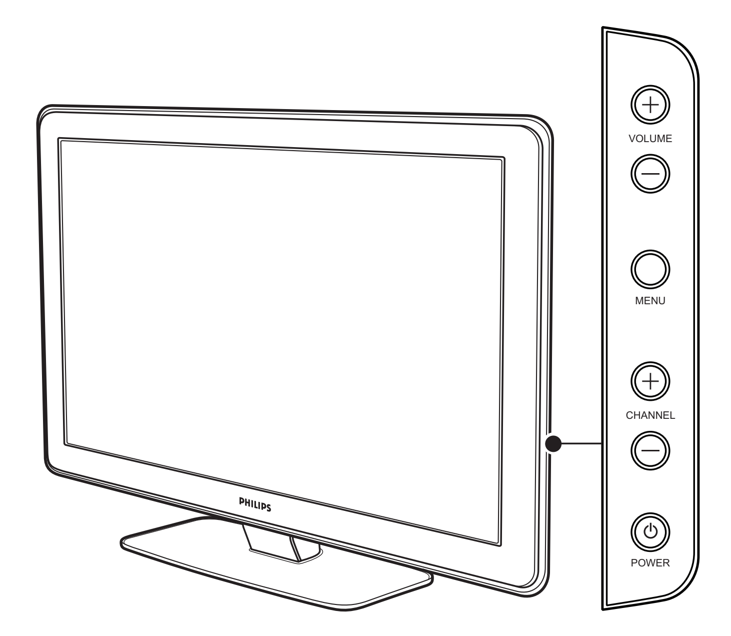
打开电视机：
按电视机侧面的电源开关 ⏻。电视机前面的指示灯将会亮起。
按遥控器上的 **POWER** 按钮。

电视机上的按钮

即使遥控器丢失或损坏，您仍然可以使用电视机上的控制按钮更改某些基本设置。

按：
• ⏻ 按钮可以打开或关闭电视。
• **+ VOLUME -** 按钮可以调节音量；
• **+ CHANNEL -** 按钮可以选择电视频道或信号源。

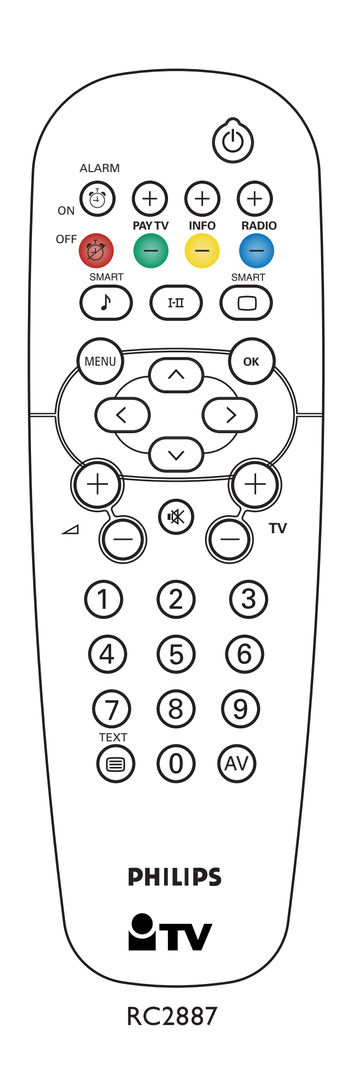
在没有遥控器的情况下，可以使用 **MENU** 按钮来显示设置菜单。
MENU 按钮也可以用于退出菜单。
使用：
• **+ VOLUME -** 按钮和 **+ CHANNEL -** 按钮可以按所示方向选择菜单项；
• **+ VOLUME** 按钮可以确认选择。



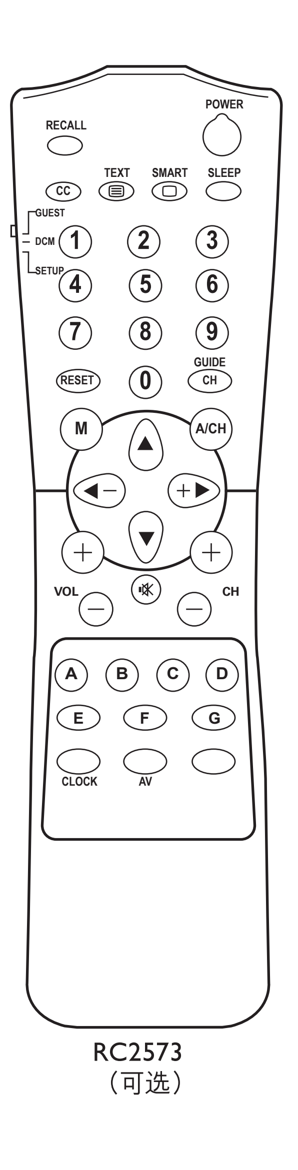
使用菜单

访问 **SETUP** 菜单

电视机处于 HIGH SECURITY 模式时，只能使用公共设置遥控器 (RC2573) 通过按 (M) 键来访问 SETUP 菜单。
公共设置遥控器以可选件形式提供。
电视机处于 STANDARD SECURITY 模式时，可以使用标准来宾遥控器 (RC2887) 通过一系列命令
(3 1 9 7 5 3 MUTE) 来访问 SETUP 菜单。



RC2887



RC2573
（可选）

导航

通过使用向上/向下键可以选择当前菜单项。通过按向右键可以访问用 “>” 符号指示的菜单项中的子菜单。

- 要退出菜单，请按 “MENU” 按钮
- 选择 “YES” 可激活/启用某一设置，选择 “NO” 则取消激活/禁用该设置。
- 当设置菜单中确有相关设置时，电视频道上/下 (+/-)、信息频道上/下 (+/-)、付费频道上/下 (+/-) 和音乐频道上/下 (+/-) 即可使用。

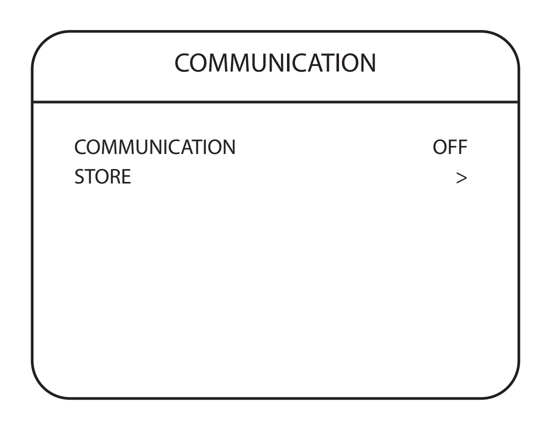
设置菜单项

SETUP

LANGUAGE	ENGLISH
COMMUNICATION	>
NO. OF CHANNELS	>
CHANNEL INSTALL	>
CONFIGURATION	>

- **LANGUAGE**：选择设置菜单的语言。
  选项有 “ENGLISH”、“MELAYU” 和 “CHINESE”
  注意：中文仅用于来宾菜单。
- **COMMUNICATION**：有关详细信息，请参阅本部分。
- **NO. OF CHANNELS**：使用此子菜单可以设置电视频道、付费频道、信息频道和音乐频道的编号。
- **CHANNEL INSTALL**：在 CHANNEL INSTALL 子菜单中，可以设置多种频道设置。有关更多详细信息，请参阅有关频道安装的部分。
- **CONFIGURATION**：在 CONFIGURATION 菜单中，可调整电视机的各种设置和功能。有关更多详细信息，请参阅有关配置的部分。

通信



- **COMMUNICATION**：通信选项有 SP-SPI、SP-I2C、HM-Link、Multi RC 、Smart RC 和 Serial Express。SP-SPI、SP-I2C 和 HM-Link 用于启用交互式应用程序。Multi-RC 功能可对电视机和遥控器进行编程，以便在多台电视机环境下实现一对一的匹配。Multi-RC 最多允许建立四组独立的电视机-遥控器匹配。对于普通的独立应用程序，请在 Communication 子菜单下选择 “OFF” 选项。

Multi RC 设置过程：

1. 同时按住遥控器上的 Menu 键和一个彩色键（红/绿/黄/蓝）至少 4 秒钟。
2. 进入电视设置菜单并选择 Multi RC 选项
3. 在 Multi RC 子菜单中，选择相应颜色以匹配在步骤 1 中选择的颜色

注意：

1. *SP-SPI 和 SP-I2C 指的是 Philips 通信协议，这些协议与外部机顶盒或智能卡 Xpress 接口盒的 Data 1 (RJ12) 和/或 Data 2 (RJ45) 连接配合使用。*
2. *HM-Link 主要与外部机顶盒的 Data 1 (RJ12) 连接配合使用。Serial Express 主要与外部机顶盒的 RS232 (DB9) 连接配合使用。*
3. *Multi RC 功能需要使用特定遥控器型号 RC2887/RC2886。*
4. *Multi RC 默认颜色编码是 BLUE（对于电视和遥控器）。更换遥控器电池后，遥控器颜色编码将自动重置为默认 BLUE 颜色。*

- **STORE**：通过按向右键保存设置。
- **RS232 ID**：设置电视机 ID。
- **DCM TYPE**：与灵智端口通信。（在 SP-SPI 和 SP-I2C 中可用）

频道安装

在 **CHANNEL INSTALLATION** 子菜单中，可以设置频道设置。

CHANNEL INSTALL	
CHANNEL	TV 1
INPUT	TUNER
SYSTEM	AUTO
FREQUENCY	184.2500 >
LABEL	( ) >
STORE	>
FINE TUNE	0
MUTE	NONE
AUTO INSTALL TV	>
PROTECTION	NO

• **CHANNEL**：可使用光标向左/向右键选择频道类型。可用的选项有：“**TV**”、“**INFO**”、“**PAY TV**” 和 “**RADIO**”。

注意：
输入节目号时可使用数字键。对于 10 以下的节目号，输入的第一位数为 “0”，后面跟随节目号。例如 “01” 表示 TV 1；或者在输入节目号后按向上/向下键。不允许输入节目号 “0” 或 “00”。

• **INPUT**：“Input” 菜单项用于选择分配给节目的所需输入源。可能的值有：电视频道、AV、SIDE AV、SIDE SVIDEO、CVI、VGA、HDMI1、HDMI2、HDMI3 和 Side HDMI。

• **SYSTEM**：AUTO、PAL 4.43 BG、PAL 4.43 I、PAL 4.43 DK 和 NTSC 3.58M 可用于选择。

• **FREQUENCY**：可以输入以 MHz 为单位的频率数字。输入第一个数字时，其它未输完的数字会显示为短划线 “-”。对于 100 MHz 以下的频率，输入的第一位数为 “0”。您也可以按向右键开始自动搜索。

• **LABEL**：此菜单项用于为每个节目添加标签/名称。
  o 按向左/向右键可选择标签数字，按向上/向下键可插入字母数字字符。
  o 按 MENU 按钮可退出 Label 菜单项。

• **STORE**：按向左/向右键后存储频道信息。
按 MENU 键可退出而不存储。

• **FINE TUNE**：按向左/向右键进行微调。

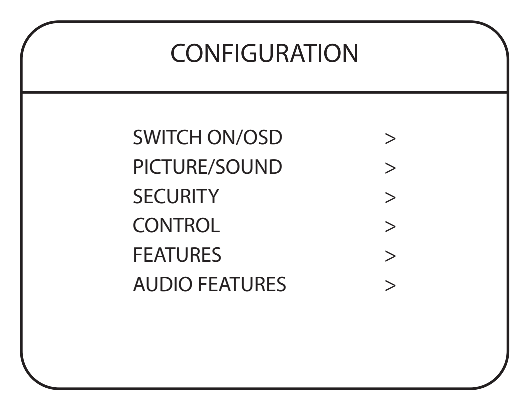
• **MUTE**：此项可启用/禁用特定频道的图像和声音。
  o NONE：启用正常图像和声音
  o VIDEO：消隐此频道的图像（如音乐频道）
  o AUDIO：此频道静音（如信息频道）

• **AUTO INSTALL TV**：此子菜单允许自动扫描和设置电视频道。

• **PROTECTION**：此功能保护付费频道中的所选节目。 按向左/向右键可在 “YES” 和 “NO” 之间切换保护选项。

配置

在 Configuration 菜单中，可调整电视机的各种设置和功能。



- **SWITCH ON/OSD**：在此子菜单中可以设置电视机的 SWITCH ON 特性和 ON SCREEN DISPLAY 设置。
- **PICTURE/SOUND**：在此子菜单中可以设置电视机的 PICTURE 和 SOUND 设置。
- **SECURITY**：在此子菜单中可以配置电视机的 SECURITY 设置。
- **CONTROL**：在此子菜单中可以配置电视机的 CONTROL 设置。
- **FEATURES**：使用 ENERGY SAVINGS 子菜单可以设置电视机的省电功能。
- **AUDIO FEATURES**：在此子菜单中可以设置不同的音频功能。

在 **PC** 模式中，另外还有一项。

- **VIDEO ADJUSTMENT**：
  - o HORIZONTAL：调整图像的水平位移
  - o VERTICAL：调整图像的垂直位移
  - o PHASE：消除水平干扰线。
  - o CLOCK：消除垂直干扰线。
  - o AUTO ADJUST：PC 模式会自动调整图像的最佳位置。
  - o RESET：重置为默认模式。

开机/OSD

在此子菜单中，可以选择电视机开机后的特性和屏幕显示特性。

SWITCH ON/OSD	
WELCOME MESSAGE	>
SWITCH ON CHANNEL	AV
SWITCH ON VOLUME	30
SWITCH ON PIC FMT	WIDESCREEN
POWER ON	LAST STATUS
VOLUME INDICATOR	YES
CHANNEL DISPLAY	ALL

- WELCOME MESSAGE：按光标向左/向右键可显示欢迎消息输入菜单：
  - o WELCOME MESSAGE
  - o DISPLAY YES/NO
  - o LINE 1
  - o LINE 2
  - o CLEAR

使用向上/向下键可以设置消息字符。
按向上键可插入字母，按向下键可插入数字。

- **SWITCH ON CHANNEL**：此项设置电视机开机后显示的频道。
- **SWITCH ON VOLUME**：此项设置电视机开机后的音量。使用向左/向右键可进行调整。
- **SWITCH ON PIC FMT**：此项设置电视机开机后的图像格式。使用向左/向右键可选择所需的格式。
- **POWER ON**：POWER ON 菜单功能可定义电视机使用交流电源时的特性。可用选项有 “FORCED ON”、“LAST STATUS”、“STANDBY” 和 “ON”。
  - o FORCED ON：在开启电源或断电后电力恢复时，电视机将自动切换到 ON 模式。请注意，在将电视机设置为此模式时，遥控器上的 STANDBY 键不再起作用。只能通过使用电源开关或设置遥控器，或者通过 ESP 功能（节能编程，可控制允许的最大连续观看时间）来关闭电视机。
  - o LAST STATUS：在开启电源或断电后电力恢复时，电视机将自动切换到上一个状态（STANDBY 或 ON）。

o STANDBY：在开启电源或断电后电力恢复时，电视机将自动切换到 STANDBY 模式（即使上一个状态为 ON）。
o ON： 功能与 “FORCED ON” 相似，但在将电视机设置为此模式时，会启用遥控器上的 STANDBY 键功能。

• **VOLUME INDICATOR**：要在调节音量时显示音量指示器，请选择 “YES”。选择 “NO” 可隐藏音量指示器。
• **CHANNEL DISPLAY**：CHANNEL DISPLAY 的值可以是：NUMBER、LABEL、ALL 和 NONE。

图像和声音设置

在此子菜单中可以选择电视机的图像和声音设置。

PICTURE/SOUND	
BRIGHTNESS	50
COLOUR	50
CONTRAST	50
SHARPNESS	50
TINT	50
ACTIVE CONTROL	YES
TREBLE	50
BASS	50
BALANCE	50
AVL	ON

• BRIGHTNESS：改变图像亮度。
• COLOUR：更改色彩强度。
• CONTRAST：更改浅色调和深色调之间的差异。
• SHARPNESS：调整以提高细节部分的质量。
• TINT：调节图像的色彩平衡。
• ACTIVE CONTROL：允许调整图像降噪。

注意:
COLOUR 和 SHARPNESS 在 PC 模式中不可用

• TREBLE/BASS：调整电视机声音输出的高音和低音效果。
• BALANCE：调节左右扬声器的平衡，以便最适合您的收听位置。
• AVL（自动音量均衡器）：限制音量的增加，特别是在换节目或插播广告时。

安全设置

在此子菜单中可以配置电视机的安全设置。

SECURITY	
SECURITY	STANDARD
KEYBOARD LOCK	NO
REMOTE CONTROL LOCK	NO
VIDEO OUT MUTE	NO
ENABLE GUEST MENU	YES
ENABLE TELETEXT	YES

• SECURITY：“SECURITY”功能允许用户选择两种状态之一：“HIGH” 或 “STANDARD”。默认值为 “STANDARD”。
  o 电视机处于 SECURITY HIGH 模式时，只能使用公共设置遥控器来访问 SETUP 菜单。
  o 电视机处于 SECURITY STANDARD 模式时，可以使用来宾遥控器通过一系列命令 (3 1 9 7 5 3 MUTE) 来访问 SETUP 菜单。

• KEYBOARD LOCK：禁用电视机的自有按键对音量和节目的控制。
• REMOTE CONTROL LOCK：锁定来宾遥控器上的所有按钮。
• VIDEO OUT MUTE：禁用所有信号源的视频输出信号。
• ENABLE GUEST MENU：启用来宾菜单。
• ENABLE TELETEXT（仅在适用时）：启用图文电视。

控制设置

在此子菜单中可以配置电视机的 CONTROL 设置。

CONTROL	
ESP	OFF
AUDIO/VIDEO MUTE	NO
STEP TUNING	NO
DIGIT TIMEOUT	3.0
MIN VOLUME	0
MAX VOLUME	99

- ESP：节能编程模式 (ESP) 功能控制允许的最大连续观看时间，其有效值为 00 – 99（单位为小时）。00 值表示 ESP 功能处于“关”状态。请注意，如果关闭电视机，则将重置 ESP 定时器倒计时。
- AUDIO/VIDEO MUTE：当前调谐的频道没有信号时，Audio/Video Mute 菜单功能会确定是否应消隐视频并使音频静音。

- **STEP TUNING**：如果选择 YES，则在按一个数字后会立即对电视节目（1 到 9）进行调谐。如果选择 NO，则仅在短划线（第二位数）消失后才执行调谐。
- **DIGIT TIMEOUT**：这是输入节目号的第二位数时的超时时间，例如对于 10 及以上的节目号。
- **MIN VOLUME**：此项可设置允许电视机使用的最小音量。使用向左/向右键可进行调整。
- **MAX VOLUME**：此项可设置允许电视机使用的最大音量极限。使用向左/向右键可进行调整。

来宾菜单项

MENU 菜单		
LANGUAGE	语言	中文
BRIGHTNESS	亮度	50
COLOUR	色彩	50
CONTRAST	对比度	50
SHARPNESS	清晰度	50
TINT	色度	50
PICTURE FORMAT	图像格式	宽屏幕
SLEEPTIMER	睡眠定时	关
SOURCE	信号源	电视频道

- **语言**：用于选择来宾菜单语言（英语/中文/马来语）。
- **亮度/色彩/对比度/清晰度/色度**：使用遥控器左/右键更改画面设置。
- **图像格式**：使用遥控器上的向左/向右键可以选择所需的图像格式。可以使用以下选项：4:3、14:9 放大、16:9 放大、字幕放大、宽屏幕、超放大屏幕。
- **睡眠定时**：此项用于选择在电视机未收到用户指令的情况下自动切换到待机状态的时间段。 如果旅店客人没有关闭电视就离开房间，这一功能可以有效地节能。 可用时间段有 15 分钟、30 分钟、45 分钟、60 分钟、90 分钟、120 分钟、180 分钟、240 分钟和“关”。使用遥控器上的向左/向右键可以选择所需的时间段（注意：当 POWER ON 设置为 “FORCED ON” 模式时，“睡眠定时”选项不可用）。
- **信号源**：此项用于选择不同的电视信号源。

注意：大多数按钮在按一次时将激活指定的功能。再按一次将取消激活该功能。如果一个按钮可启用多个选项，则会显示一个小的列表。反复按可选择列表中的下一项。 该列表将在六秒后自动移除，也可以按 ***MENU*** *立即移除该列表。*

(1) ALARM ON / OFF
无功能。

(2) +PAY TV-
选择上一个或下一个付费频道。

(3) 灵智声音按钮
反复按可在 4 种设置中进行选择：“个人设定”、“剧场”、“音乐”或“对白”。

(4) MENU
按 MENU 可激活/取消激活屏幕菜单。

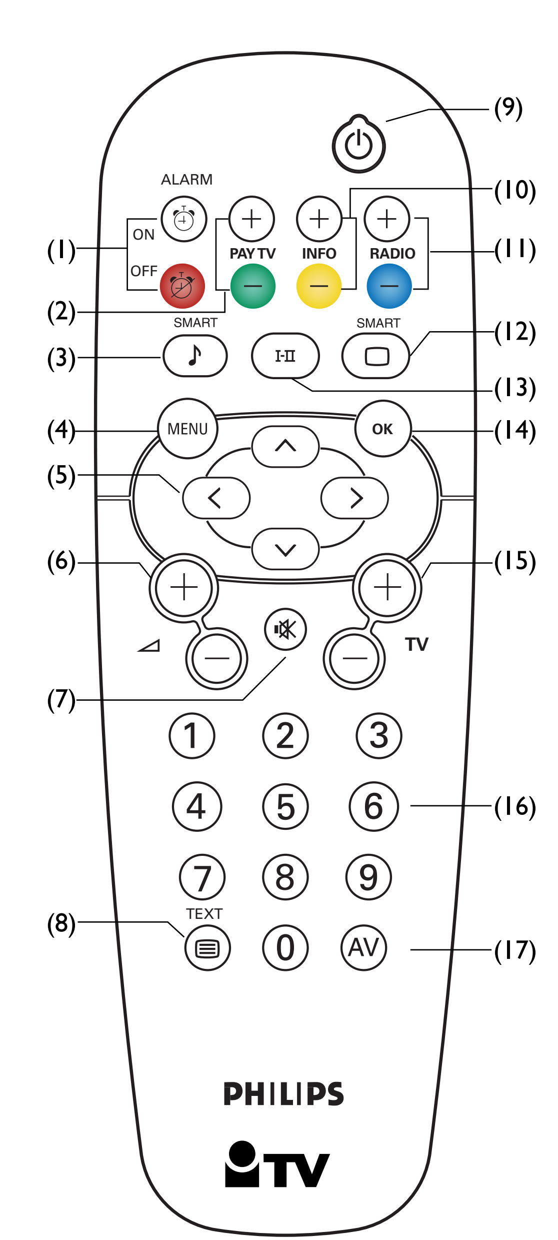
(5) 光标方向键

(6) VOL +/-
按 + 或 – 可调节音量。

(7) 静音按钮
按此按钮可消除或恢复液晶电视的声音。声音关闭后，屏幕上会显示静音图标。

(8) 图文电视 (p.37)
按此按钮可以开启或关闭图文电视(仅用于某些型)。

(17) AV 按钮
按此按钮可以选择视频输入信号源：电视频道、AV、SIDE AV、SIDE SVIDEO、CVI、VGA、HDMI1、HDMI2、HDMI3 和 SIDE HDMI。



(9) 待机
按此按钮可使电视机切换到待机模式。

(10) +INFO-
选择上一个或下一个信息频道。

(11) RADIO
选择上一个或下一个音乐频道。

(12) 灵智图像按钮
反复按可选择“鲜艳”、“自然”、“柔和”或“个人设定”图像设置。

(13) I-II 按钮/声音模式
选择第一语言或第二语言。
注意：语言可用性取决于传输内容。

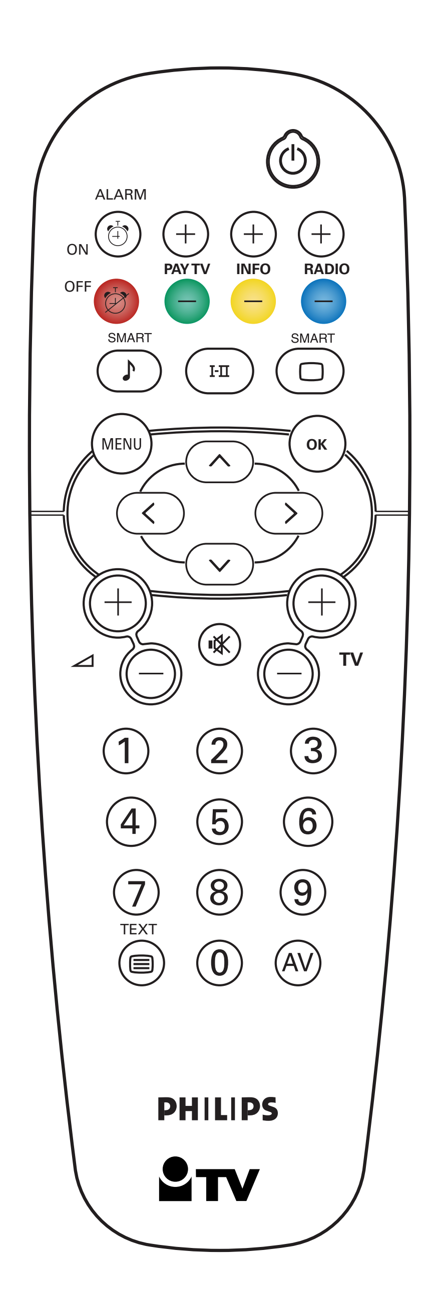
(14) OK
激活设置。

(15) + TV -
选择上一个或下一个电视频道。

(16) 数字按钮
按数字按钮可直接进入电视频道。对于两位数频道，先输入第 1 位数字，然后输入第 2 位数字。

图文电视

图文电视是在特定频道中提供的一种信息系统广播。在某些国家/地区，图文电视还可以让有听觉障碍或不熟悉传输语言（有线电视网络、卫星频道等）的人看到字幕。



按

打开/关闭图文电视。

在图文电视模式下，按

① — ⑨ 输入（3 位数）页面编号

显示上一页/下一页

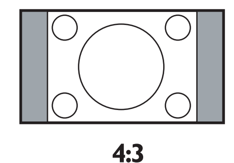
TV 显示上一页/下一页

根据屏幕上的指示，可使用彩色按钮访问相应的项或对应的页面。

图像格式

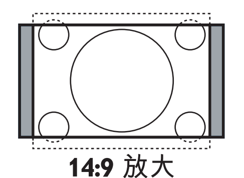
接收的图像可以按 16:9 格式（宽屏幕）或 4:3 格式（传统屏幕）传输。16:9 图像有时会在屏幕的顶部和底部显示黑色条带（信箱格式）。此功能允许您优化屏幕上的图像显示。

图像格式可以通过来宾菜单或设置菜单使用不同格式进行设置。



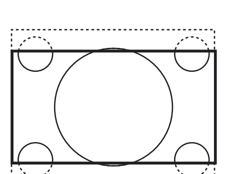
4:3

4:3
图像以 4:3 格式重现，两边分别显示一个黑条带。



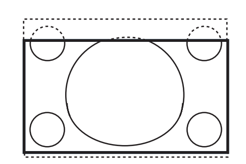
14:9 放大

14:9 放大
图像放大到 14:9 格式，图像两边分别留下一个较窄的黑条带。



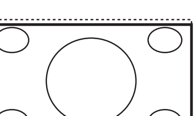
16:9 放大

16:9 放大
图像放大到 16:9 格式。显示的图像顶部和底部带有黑条带时（信箱格式），推荐使用此模式。



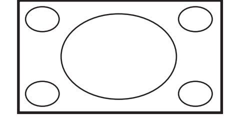
字幕放大

字幕放大
此模式使用整个屏幕显示 4:3 图像，并且显示子标题。




超放大屏幕

超放大屏幕
此模式放大图像的四边，使用整个屏幕显示 4:3 图像



宽屏幕

宽屏幕
此模式使用整个屏幕恢复以 16:9 格式传输的图像的正确比例。

无线灵智转载器

Philips 无线灵智转载器 22AV1120/00 和 22AV1135/00 是专门为简便快速安装 Philips 公共电视机而设计的安装工具。

准备

确保将 3 节 R6/AA 型号的电池正确放置在无线灵智转载器的电池盒内。打开产品左侧的电源开关。按任意按钮时，顶壳上的绿色指示灯亮起，指示电池可操作。红色指示灯亮起时，指示需要更换电池。

安装过程包含三步：
1. 选择主电视机
2. 对无线灵智转载器进行编程
3. 用无线灵智转载器安装电视机

可以根据需要在任意多台电视机上重复步骤 3。

1. 选择主电视机
主电视机是必须将其安装设置复制到同一类型其它电视机的电视机。

2. 对无线灵智转载器进行编程
此步骤只能执行一次，否则，无线灵智转载器的程序将被覆盖。

将无线灵智转载器对准电视机的红外接收器（距离约 5 到 30 厘米）。
按无线灵智转载器上的 “MENU” 键。
电视机将显示以下菜单：
SMARTLOADER TO TV >
TV TO SMARTLOADER >

- o 高亮显示 “TV TO SMARTLOADER”
- o 按无线灵智转载器上的向右光标键以使用无线方法，或者按电视机遥控器上的相应键以使用有线方法。

> 数字显示从电视机到无线灵智转载器的内存存储进度百分比，
其范围为 1~100（100 = 完全加载）。
TV TO SMARTLOADER |||-------- ##

> 数据传输完成后，## 为 “100”，并显示以下菜单 3 秒：
SMARTLOADER READY >

> 现在无线灵智转载器编程完成，可用于安装其它电视机。

3. 用无线灵智转载器安装电视机
使用已利用同一类型主电视机的设置进行编程的无线灵智转载器。

打开电视机，并将无线灵智转载器对准电视机的红外接收器（最大距离约 30 厘米）。
---- 按无线灵智转载器上的 “MENU” 键。

- o 高亮显示 “SMARTLOADER TO TV”
- o 按无线灵智转载器上的向右箭头键以使用无线方法。

> 数字显示从无线灵智转载器到电视机的内存存储进度百分比，其范围为 1~100（100 = 完全加载）。
SMARTLOADER TO TV |||-------- ##

> 数据传输完成后，## 为 “100”，并显示以下菜单 3 秒：
TV READY >

> 随后，显示以下菜单
GOODBYE >

> 现在，电视进入待机状态且电视机安装完成，随时可以开机使用。

问题和解决方案：

问题	解决方案
屏幕上显示 “WRONG VERSION” 消息。	存储在无线灵智转载器中的程序软件代码与实际使用的电视机不兼容。 利用软件代码与实际所使用电视机兼容的主电视机来对无线灵智转载器重新编程。
电视机对无线灵智转载器无响应。	– 检查按任意按钮时无线灵智转载器上的指示灯是否为绿色，并检查电池是否处于良好状态。必要时更换电池。 – 尝试将无线灵智转载器距离电视机红外接收器更近些并重试。

提示：

1. 不要忘记将软件代码和相关主电视机类型写到无线灵智转载器背面的标签上。
2. 在没有电池的情况下，无线灵智转载器可以将存储的信息保存 10 年（如果需要）。

注意：

长期存放无线灵智转载器之前，务必取出所有电池以防止电池腐蚀触点。

电池电量低检查

按 **OK** 键约 5 秒。 随后会显示以下文本：
SERVICE
1 REMOTE BATTERY OK

如果显示 “LOW” 而不是 “OK”，则表明遥控器电池电量低，必须更换电池。

故障排除提示

症状	要检查的项目和采取的措施
“重影”或双图像	• 这可能是由于高建筑物或高山挡住天线造成的。 使用强定向天线可以改善图像质量。
不通电	• 检查电视机的交流电源线是否插入电源插座。 • 拔下电视机插头，等待 60 秒。然后将插头重新插入电源插座并重新打开电视机。
无图像	• 检查电视机底部的天线连接，查看其是否已正确连接到电视机。 • 可能是广播电台故障。尝试另一个频道。 • 调节对比度和亮度设置。尝试使用其它自动图像设置。 • 检查是否选择了正确的 AV 信号源。
无图像且电源已打开	• 在产生过多热量的情况下，电视机会进行保护模式。检查设备四周的通风间隙，确保没有阻挡墙或柜限制空气流动。
不播放照片、音乐或视频，或播放质量很差	• 检查信号源是否符合受支持的规范。
无声音	• 提高音量。 • 检查电视是否静音，按遥控器上的 MUTE 按钮。 • 检测不到信号时，电视机会自动关闭声音。这是正常操作，不是故障。
声音效果好但色彩很差或无图像	• 调节对比度、色彩、色度和亮度设置。 尝试使用其它自动图像设置。
图像有雪花和杂信号	• 检查天线连接。
电视机对遥控器无响应	• 检查电池是否正常工作。必要时更换电池。 • 清洁显示器上的遥控器传感器镜头。 • 电视机和遥控器之间的操作距离不应超过二十英尺。 • 您仍可以使用电视机侧面的按钮。 • 检查遥控器是否处于正确的模式。
配套设备的控制	• 屏幕的红外信号可能影响其它外设的接收敏感度。 解决方案: 更换其它设备的遥控器电池。例如，使耳机保持在半径约四英尺以外。
PC 模式不工作	• 检查连接是否正确。 • 检查是否正确选择了信号源。按 AV 按钮选择正确的信号源。 • 检查计算机是否配置了兼容的显示分辨率。
待机	电视机在待机模式下耗电不超过 3 瓦。
不正确关机后	如果以不正确方式关闭电视机（如断电、拔出电源线），则重新开启电视机需要的时间会比平时长。
其它	请参阅本用户手册中的规格信息。

宽高比	电视机图像在屏幕上的宽度和高度的比例。一般情况下电视机的宽高比为 4 比 3 (4:3)。 高清晰度电视机应用了新的宽高比 16:9，这类似于影院（宽屏幕）的宽高比。新的电视制式支持 4:3 和 16:9 两种宽高比，并可以在两者之间自动切换。
音频视频 (A/V)	这是描述电视接收器或视频设备（专用于接收 VCR 音频视频信号）上的一个频道时常用的一个术语。该频道会自动启动电视机中的专用电路，以防画面失真滞后。此术语还用于可处理音频和视频两种信号的音频视频处理器。
CVBS	复合视频基带信号。 在广播电视中，此术语是指视频信号，包括色彩信息和同步。
分量视频输入 (Y Pb Pr)	分量视频输入是一种使用 cinch 型连接器的连接类型，允许机顶盒或模拟 DVD 播放机将信号连接至电视机。通过提供 cinch 型输入 (YPbPr)，三基色（红、绿、蓝）可以直接从机顶盒连接到电视机，使信号显示在屏幕上。
HDTV	一般认为，高清晰度电视机的清晰度大约是目前电视机垂直和水平图像分辨率的两倍，实际上就是图像清晰了两倍。高清晰度电视机的屏幕比例也是 16:9，而如今大多数的电视机屏幕比例则为 4:3。 高清晰度电视机减少了运动伪影（即重影、点蠕动）。
逐行扫描	在逐行扫描中，可以同时对屏幕上所有水平扫描线进行扫描。 高清晰度电视机标准允许使用隔行扫描和逐行扫描广播与显示方法。
分辨率	分辨率： 对视频图像中可见的最微小细部的数量。电视机分辨率可以用图像中的像素数来表示；更为常见的表示法是，用生成图像的总行数（水平扫描）来表示。 标准数字电视机分辨率: 标准数字电视机：576i - 图像为 720x576 像素，576p – 图像为 720x576 像素。 高清晰度电视机：720p – 图像为 1280x720 像素，1080i – 图像为 1920x1080 像素。
SPDIF	对于高品质数字声音输出，极力推荐使用 SPDIF（Sony 和 Philips 数码互连格式）。 注意：仅在使用 HDMI 信号源时支持 SPDIF。

规格 – 电视机

	32HFL5530/93	32HFL5530/97	42HFL5580/93	42HFL5580/97
屏幕显示语言	英语、中文、马来语			
连通性				
背面	AC IN HDMI 1/ HDMI 2/ HDMI 3 CVI 1 – 分量视频 (YPbPr)，左/右音频输入 AV – 视频输入，左/右音频输入 AV 输出 – 视频输出，左/右音频输出 VGA – PC 模拟输入，左/右音频输入 SPDIF 输出 75 欧姆/RF 8 欧姆1 瓦浴室扬声器输出 浴室扬声器的数字音量控制 Aux Audio 1 – 音频输出 Aux Audio 2 – 音频输出 DATA 1 (RJ12) Smartplug DATA 2 (RJ45) RS232			
侧面	侧面 HDMI 侧面 AV – 视频输入，左/右音频输入 侧面 S-Video – S-video 输入，左/右音频输入 耳机			
重量和尺寸 重量（包括包装） 重量（不包括包装，带座架） 纸箱尺寸 (W x H x D) 产品尺寸 – 带座架 (W x H x D)	 21 千克 18 千克 931 毫米 x 632 毫米 x 248 毫米 819 毫米 x 579 毫米 x 220 毫米		 31.5 千克 25.5 千克 1164 毫米 x 810 毫米 x 326 毫米 1046 毫米 x 716 毫米 x 262 毫米	
功耗	140 瓦		200 瓦	
待机功耗	< 2 瓦			
电源	220-240 伏， 50-60 赫兹	100-240 伏， 50-60 赫兹	220-240 伏， 50-60 赫兹	100-240 伏， 50-60 赫兹
壁挂安装 壁挂安装 32 英寸电视机需要 M6 螺丝， 安装 42 英寸电视机需要 M8 螺丝（不包含）。	vesa 200 x 300 毫米		vesa 400 x 400 毫米	